Berliner
Astronomisches Jahrbuch

für

1944

169. Jahrgang

Herausgegeben vom

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Telegramm-Adresse: Astrozent Berlin

Vorwort

Vom Jahrgang 1916 an ist der fundamentale Meridian, auf den alle Angaben des Jahrbuchs bezogen sind, der Meridian von Greenwich.

Die Zeit ist vom Jahrgang 1925 an in Welt-Zeit, d. i. Bürgerliche Zeit Greenwich, ausgedrückt (siehe Erläuterungen).

Die Grundlagen des Berliner Astronomischen Jahrbuchs bilden:

Für die Sonne und die großen Planeten:

Die Tafeln von Newcomb und (für Jupiter und Saturn) von Hill, enthalten in:

Astronomical Papers of the American Ephemeris,
Vol. VI, Part I—IV: *Tables of the four inner planets*,
Vol. VII, Part I—IV: *Tables of Jupiter, Saturn, Uranus, Neptune.*

Für Pluto die Elemente von E. C. Bower. (Näheres siehe Erläuterungen.)

Als Sonnenhalbmesser in der mittleren Entfernung ist 16′ 1″50 angenommen; dagegen liegt der Berechnung der Finsternisse der von Auwers in A. N., Bd. 128 gegebene Wert 15′ 59″63 zugrunde.

Für den Mond:

Tables of the Motion of the Moon by Ernest W. Brown.

Der geozentrische Mondhalbmesser $r_☾$ ist aus der Äquatorial-Horizontalparallaxe $p_☾$ gerechnet nach der Formel

$$r_☾ = 0.272469\, p_☾ + 1''50,$$

für die Finsternisse nach $\sin r_☾ = 0.272274 \sin p_☾$.

Als Neigung des Mondäquators gegen die Ekliptik ist nach F. Hayn (A. N. Bd. 199, 263) angenommen: $J = 1° 32' 20''$.

Für die Fixsterne:

Dritter Fundamentalkatalog des Berliner Astronomischen Jahrbuchs (Veröffentlichungen des Astronomischen Rechen-Instituts zu Berlin-Dahlem Nr. 54 und Abhandlungen der Preußischen Akademie der Wissenschaften Jahrgang 1938. Phys.-math. Klasse. Nr. 3).

Die Sterngrößen und Sternspektren sind dem »Henry Draper Catalogue (Harvard Annals, vol. 91—99)« entnommen.

Als Werte der fundamentalen Reduktionsgrößen sind angenommen:

Die Präzessions-Größen nach S. Newcomb (vgl. H. Andoyer, Bull. Astr. Bd. 28, S. 67)
Die Nutations-Konstante . . . . . 9″21
Die Nutations-Größen nach S. Newcomb (Bull. Astr. Bd. 15, S. 241)
Die Aberrations-Konstante . . . . 20″47
Die Sonnen-Parallaxe . . . . 8″80
Die Abplattung der Erde . . . . . 1 : 297

Für die Satelliten:

Die Angaben über die 4 älteren Jupitertrabanten beruhen auf den Tafeln von R. A. Sampson (*Tables of the four great Satellites of Jupiter.* London 1910), die Angaben über die 8 älteren Saturnsatelliten auf den von H. und G. Struve sowie von J. Woltjer ermittelten Werten (Näheres s. Erläuterungen).

In allen Ephemeriden der Sonne, der Planeten und der Fixsterne sind die kurzperiodischen, von der Mondlänge abhängigen Nutationsglieder weggelassen; doch bietet das Jahrbuch die Möglichkeit, auch diese weggelassenen Glieder zu berücksichtigen (s. Erläuterungen).

Der Inhalt des Jahrbuchs hat gegen das Vorjahr insofern eine Änderung erfahren, als vom vorliegenden Jahrgang ab auch die mittleren Örter der Zusatzsterne des Dritten Fundamentalkatalogs aufgenommen und die mit einem † gekennzeichneten Doppelsterne weggelassen worden sind.

Bezüglich der Zahlengrundlagen sei auf die im Berliner Jahrbuch für 1916 gegebene Darstellung der »Grundbegriffe der Sphärischen Astronomie« hingewiesen.

Ein Teil der Angaben wurde seitens der American Ephemeris and Nautical Almanac, Washington, des Nautical Almanac Office, London, und des Bureau des Longitudes, Paris, zur Verfügung gestellt.

Die Leitung der Arbeiten am Astronomischen Jahrbuch für 1944 lag in den Händen von Prof. Dr. Kohl; an der Bearbeitung der verschiedenen Teile beteiligten sich außerdem die Herren Dr. Gondolatsch, Dr. Müller, Dr. Baehr, Dr. Rabe und mehrere Hilfsarbeiter.

Coppernicus-Institut

Inhalt

Zeit- und Festrechnung 1944

Das Jahr 1944 entspricht dem
Jahr 6657 der Julianischen Periode und dem
Jahr 7452—7453 der Byzantinischen Ära.

Gregorianischer Kalender

Goldene Zahl	7
Epakte	V
Sonnenzirkel	21
Sonntagsbuchstabe	B, A

Septuagesima	6. Febr.
Aschermittwoch	23. Febr.
I. Quatember	1. März
Ostersonntag	9. April
Himmelfahrt	18. Mai
Pfingstsonntag	28. Mai
II. Quatember	31. Mai
III. Quatember	20. Sept.
I. Advent	3. Dez.
IV. Quatember	20. Dez.

Dimensionen der Erde

a) Nach Bessel (1841)

Große Halbachse	$a =$ 6 377 397.155 m	$\log a =$ 6.804 6434 637
Kleine Halbachse	$b =$ 6 356 078.963 m	$\log b =$ 6.803 1892 839
Abplattung	$\alpha =$ 1 : 299.152 8129	$\log \alpha =$ 7.524 1069 092—10
Meridianquadrant	= 10 000 855.76 m	

Die Maßeinheit der Länge ist das legale Meter.

b) Nach Hayford (1909)

Große Halbachse	$a =$ 6 378 388 m	$\log a =$ 6.804 7109 340
Kleine Halbachse	$b =$ 6 356 911.946 m	$\log b =$ 6.803 2461 957
Abplattung	$\alpha =$ 1 : 297	$\log \alpha =$ 7.527 2435 507—10
Meridianquadrant	= 10 002 288.30 m	

Die Maßeinheit der Länge ist das internationale Meter.

Ein internationales Meter = 1.000 0133 legales Meter.

Normalwert für die Schwerebeschleunigung im Meeresniveau:

$\gamma_0 = 978.030\ (1 + 0.005302 \cdot \sin^2\varphi - 0.000007 \cdot \sin^2 2\varphi)$ cm. sec^{-2}. (Helmert 1901)

$\gamma_0 = 978.0490\ (1 + 0.0052884 \cdot \sin^2\varphi - 0.0000059 \cdot \sin^2 2\varphi)$ cm. sec^{-2}. (Cassinis 1930)

Masse der Erde: $5.974 \cdot 10^{27}$ g

Masse der Sonne: $1.983 \cdot 10^{33}$ g

Radius der Sonne: 695 300 km

Mittlere Entfernung Erde—Sonne: 149 504 200 km

Lichtzeit für die mittlere Entfernung Erde—Sonne: 498ˢ72 (mit Lichtgeschwindigkeit 299 774 km/sec.)

Astronomische Konstanten

Allgemeine Präzession	$\psi = 50''.2564 + 0''.000222\,t$
Präzession in Rektaszension	$m = 3^s.07234 + 0^s.0000186\,t$
Präzession in Deklination	$n = 20''.0468 - 0''.000085\,t$
Mittlere Schiefe der Ekliptik	$\varepsilon = 23^\circ\,27'\,8''.26 - 0''.4684\,t$
Länge d. aufsteig. Knotens d. bewegl. a. d. festen Ekliptik	$\Pi = 173^\circ\,57'\,3''.6 + 32''.862\,t$
Winkel zwischen fester u. bewegl. Ekliptik	$\pi = 0''.4711 - 0''.000007\,t$

Länge des tropischen Jahres	$365^d.24219879 - 0^d.0000000614\,t$
„ „ siderischen „	$365.25636042 + 0.0000000011\,t$
„ „ anomalistischen „	$365.25964134 + 0.0000000304\,t$
„ „ julianischen „	365.25

t = Zeit seit 1900 in julianischen Jahren

Länge des synodischen Monats	$29^d.530588$
„ „ tropischen „	27.321582
„ „ siderischen „	27.321661
„ „ anomalistischen „	27.554550

Länge des mittleren Sonnentages $= 24^h\,3^m\,56^s.555$ Sternzeit $= 1.00273791$ Sterntag

Länge des mittl. Sterntages $= 23^h\,56^m\,4^s.091$ mittl. Zeit $= 0.99726957$ mittl. Sonnentag

Äquatoreal-Horizontalparallaxe des Mondes . . . . $57'\,2''.70$

Gravitationskonstante nach Gauß $k = 0.017202099 = 3548''.18761$

$\log k = 8.23558144\text{–}10$, $\log k'' = 3.55000657$

1 Lichtjahr $= 63275$ Astr. Einh. $= 0.3068$ Parsek $= 9.460 \cdot 10^{12}$ km

1 Parsek $= 206264.806$ Astr. Einh. $= 3.2598$ Lichtjahre $= 30.84 \cdot 10^{12}$ km

Elemente der Planetenbahnen für 1944 Jan. 0, 0^h Welt-Zeit

	☊ (°)	i (°)	$\tilde{\omega}$ (°)	e
Merkur	47.667	7.004	76.584	0.205623
Venus	76.176	3.394	130.783	0.006800
Erde	—	—	101.977	0.016733
Mars	49.126	1.850	335.028	0.093353
Jupiter	99.888	1.306	13.430	0.048407
Saturn	113.175	2.491	91.960	0.055740
Uranus	73.697	0.773	172.202	0.046333
Neptun	131.165	1.775	47.354	0.009000
Pluto	109.633	17.144	223.175	0.248644

	a	L (°)	$n_{sid.}$ (°)	$P_{sid.}$ (a)	(d)
Merkur	0.387099	60.632	4.09234	0	87.9693
Venus	0.723332	168.817	1.60213	0	224.7008
Erde	1.000000	98.557	0.98561	1	0.0142
Mars	1.523688	75.309	0.52403	1	321.7375
Jupiter	5.202561	133.898	0.08309	11	314.925
Saturn	9.554747	84.859	0.03346	29	167.21
Uranus	19.21814	73.320	0.01173	84	8.11
Neptun	30.10957	181.199	0.00598	164	281.6
Pluto	39.51774	156.878	0.00397	248	157

Merkur bis Mars nach Newcomb, Jupiter bis Neptun nach Leverrier und Gaillot, Pluto nach Bower. Für Pluto sind baryzentrische Elemente bezogen auf Ekliptik und mittleres Äquinoktium 1950.0 gegeben.

Astronomische Zeichen und Abkürzungen

Bezeichnung der Wochentage

☉ Sonntag
☾ Montag
♂ Dienstag
☿ Mittwoch
♃ Donnerstag
♀ Freitag
♄ Sonnabend

Adspekten

☌ Konjunktion
□ Quadratur
☍ Opposition

Mondphasen

● Neumond
☽ Erstes Viertel
○ Vollmond
☾ Letztes Viertel

☊ Aufsteigender } Knoten
☋ Absteigender } Knoten

Zeichen
des Tierkreises und der Himmelskörper

♈ Widder . . .	0	Grad		
♉ Stier	30	»	☉	Sonne
♊ Zwillinge . . .	60	»	☾	Mond
♋ Krebs	90	»	☿	Merkur
♌ Löwe	120	»	♀	Venus
♍ Jungfrau . . .	150	»	♁	Erde
♎ Waage . . .	180	»	♂	Mars
♏ Skorpion . . .	210	»	♃	Jupiter
♐ Schütze . . .	240	»	♄	Saturn
♑ Steinbock . .	270	»	♅	Uranus
♒ Wassermann .	300	»	♆	Neptun
♓ Fische	330	»		

Sonne, Mond, Große Planeten

1944

Tag		Wochentag	0h Welt-Zeit: Zeitgleichung — Wahre Zeit *minus* Mittlere Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1944			m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Jan.	0	Fr	— 2 31.19	28.94	18 36 42.59	4 25.50	—23 10 35.9	4 6.7	71.13	16 17.81
	1	Sa	3 0.13	28.64	18 41 8.09	4 25.19	23 6 29.2	4 34.4	71.09	16 17.83
	2	St	3 28.77	28.30	18 45 33.28	4 24.86	23 1 54.8	5 2.0	71.05	16 17.85
	3	Mo	3 57.07	27.94	18 49 58.14	4 24.50	22 56 52.8	5 29.4	71.01	16 17.86
	4	Di	4 25.01	27.55	18 54 22.64	4 24.11	22 51 23.4	5 56.7	70.96	16 17.87
	5	Mi	4 52.56	27.12	18 58 46.75	4 23.68	22 45 26.7	6 23.8	70.91	16 17.87
	6	Do	— 5 19.68	26.68	19 3 10.43	4 23.23	—22 39 2.9	6 50.7	70.85	16 17.86
	7	Fr	5 46.36	26.21	19 7 33.66	4 22.77	22 32 12.2	7 17.4	70.79	16 17.85
	8	Sa	6 12.57	25.71	19 11 56.43	4 22.27	22 24 54.8	7 43.9	70.73	16 17.84
	9	St	6 38.28	25.20	19 16 18.70	4 21.75	22 17 10.9	8 10.2	70.66	16 17.81
	10	Mo	7 3.48	24.65	19 20 40.45	4 21.22	22 9 0.7	8 36.1	70.59	16 17.78
	11	Di	7 28.13	24.10	19 25 1.67	4 20.65	22 0 24.6	9 2.0	70.51	16 17.75
	12	Mi	— 7 52.23	23.52	19 29 22.32	4 20.08	—21 51 22.6	9 27.4	70.44	16 17.71
	13	Do	8 15.75	22.93	19 33 42.40	4 19.48	21 41 55.2	9 52.7	70.35	16 17.66
	14	Fr	8 38.68	22.30	19 38 1.88	4 18.86	21 32 2.5	10 17.7	70.27	16 17.61
	15	Sa	9 0.98	21.67	19 42 20.74	4 18.23	21 21 44.8	10 42.4	70.18	16 17.55
	16	St	9 22.65	21.02	19 46 38.97	4 17.57	21 11 2.4	11 6.7	70.09	16 17.48
	17	Mo	9 43.67	20.35	19 50 56.54	4 16.91	20 59 55.7	11 30.8	70.00	16 17.41
	18	Di	—10 4.02	19.68	19 55 13.45	4 16.23	—20 48 24.9	11 54.5	69.90	16 17.33
	19	Mi	10 23.70	18.97	19 59 29.68	4 15.53	20 36 30.4	12 18.0	69.81	16 17.25
	20	Do	10 42.67	18.26	20 3 45.21	4 14.82	20 24 12.4	12 41.1	69.71	16 17.16
	21	Fr	11 0.93	17.53	20 8 0.03	4 14.08	20 11 31.3	13 3.9	69.61	16 17.07
	22	Sa	11 18.46	16.79	20 12 14.11	4 13.35	19 58 27.4	13 26.3	69.50	16 16.97
	23	St	11 35.25	16.03	20 16 27.46	4 12.59	19 45 1.1	13 48.4	69.40	16 16.88
	24	Mo	—11 51.28	15.26	20 20 40.05	4 11.82	—19 31 12.7	14 10.0	69.29	16 16.78
	25	Di	12 6.54	14.48	20 24 51.87	4 11.03	19 17 2.7	14 31.4	69.18	16 16.68
	26	Mi	12 21.02	13.68	20 29 2.90	4 10.24	19 2 31.3	14 52.3	69.07	16 16.56
	27	Do	12 34.70	12.87	20 33 13.14	4 9.42	18 47 39.0	15 12.8	68.96	16 16.45
	28	Fr	12 47.57	12.04	20 37 22.56	4 8.60	18 32 26.2	15 33.0	68.84	16 16.34
	29	Sa	12 59.61	11.22	20 41 31.16	4 7.77	18 16 53.2	15 52.7	68.73	16 16.22
	30	St	—13 10.83	10.38	20 45 38.93	4 6.94	—18 1 0.5	16 12.0	68.62	16 16.09
	31	Mo	13 21.21	9.54	20 49 45.87	4 6.09	17 44 48.5	16 31.0	68.51	16 15.96
Febr.	1	Di	13 30.75	8.70	20 53 51.96	4 5.26	17 28 17.5	16 49.5	68.39	16 15.84
	2	Mi	13 39.45	7.86	20 57 57.22	4 4.41	17 11 28.0	17 7.5	68.28	16 15.71
	3	Do	13 47.31	7.02	21 2 1.63	4 3.58	16 54 20.5	17 25.3	68.16	16 15.57
	4	Fr	13 54.33	6.19	21 6 5.21	4 2.75	16 36 55.2	17 42.6	68.04	16 15.42
	5	Sa	—14 0.52	5.36	21 10 7.96	4 1.91	—16 19 12.6	17 59.5	67.93	16 15.27
	6	St	14 5.88	4.54	21 14 9.87	4 1.10	16 1 13.1	18 16.0	67.81	16 15.12
	7	Mo	14 10.42	3.73	21 18 10.97	4 0.28	15 42 57.1	18 32.0	67.70	16 14.96
	8	Di	14 14.15	2.93	21 22 11.25	3 59.48	15 24 25.1	18 47.7	67.59	16 14.80
	9	Mi	14 17.08	2.13	21 26 10.73	3 58.68	15 5 37.4	19 3.0	67.47	16 14.63
	10	Do	—14 19.21		21 30 9.41		—14 46 34.4		67.36	16 14.46

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	kurzp. Gl.	Mittleres Äquinoktium 1944.0 Länge		Breite	R		Aufgang	Untergang
										in {+50° Breite, 0h Länge	
1944	2431	h m s	in ″0.001		° ′ ″	′ ″	in ″0.01			h m	h m
Jan. 0	089.5	6 34 11.402	−817	+13	278 26 26.6	61 10.1	−20	0.983 3197	213	7 59	16 7
1	090.5	6 38 7.960	815	+10	279 27 36.7	61 9.9	−31	0.983 2984	168	7 59	16 8
2	091.5	6 42 4.517	813	+ 5	280 28 46.6	61 9.6	−42	0.983 2816	120	7 59	16 9
3	092.5	6 46 1.075	811	0	281 29 56.2	61 9.3	−50	0.983 2696	68	7 59	16 10
4	093.5	6 49 57.632	809	− 5	282 31 5.5	61 9.1	−55	0.983 2628	13	7 59	16 11
5	094.5	6 53 54.190	807	− 7	283 32 14.6	61 8.7	−57	0.983 2615	44	7 58	16 12
6	095.5	6 57 50.747	−805	− 7	284 33 23.3	61 8.3	−55	0.983 2659	105	7 58	16 13
7	096.5	7 1 47.304	803	− 6	285 34 31.6	61 8.1	−51	0.983 2764	165	7 58	16 15
8	097.5	7 5 43.862	801	− 2	286 35 39.7	61 7.8	−44	0.983 2929	229	7 58	16 16
9	098.5	7 9 40.419	799	+ 2	287 36 47.5	61 7.5	−34	0.983 3158	291	7 57	16 17
10	099.5	7 13 36.976	797	+ 6	288 37 55.0	61 7.2	−24	0.983 3449	356	7 57	16 18
11	100.5	7 17 33.533	795	+ 9	289 39 2.2	61 7.0	−12	0.983 3805	419	7 56	16 20
12	101.5	7 21 30.090	−794	+10	290 40 9.2	61 6.7	+ 1	0.983 4224	481	7 56	16 21
13	102.5	7 25 26.647	792	+10	291 41 15.9	61 6.5	+14	0.983 4705	543	7 55	16 22
14	103.5	7 29 23.204	791	+ 9	292 42 22.4	61 6.3	+25	0.983 5248	602	7 54	16 24
15	104.5	7 33 19.761	789	+ 5	293 43 28.7	61 6.0	+36	0.983 5850	661	7 54	16 25
16	105.5	7 37 16.318	788	+ 1	294 44 34.7	61 5.8	+45	0.983 6511	716	7 53	16 27
17	106.5	7 41 12.874	786	− 5	295 45 40.5	61 5.5	+51	0.983 7227	770	7 52	16 28
18	107.5	7 45 9.431	−785	−10	296 46 46.0	61 5.3	+56	0.983 7997	822	7 52	16 30
19	108.5	7 49 5.987	784	−14	297 47 51.3	61 4.9	+57	0.983 8819	871	7 51	16 31
20	109.5	7 53 2.544	783	−16	298 48 56.2	61 4.6	+55	0.983 9690	916	7 50	16 33
21	110.5	7 56 59.100	782	−16	299 50 0.8	61 4.3	+50	0.984 0606	958	7 49	16 34
22	111.5	8 0 55.656	781	−12	300 51 5.1	61 3.8	+42	0.984 1564	997	7 48	16 36
23	112.5	8 4 52.213	780	− 6	301 52 8.9	61 3.3	+32	0.984 2561	1033	7 47	16 37
24	113.5	8 8 48.769	−779	+ 1	302 53 12.2	61 2.6	+19	0.984 3594	1066	7 46	16 39
25	114.5	8 12 45.325	779	+ 7	303 54 14.8	61 1.8	+ 5	0.984 4660	1098	7 44	16 41
26	115.5	8 16 41.881	778	+11	304 55 16.6	61 1.0	−10	0.984 5758	1130	7 43	16 42
27	116.5	8 20 38.437	778	+13	305 56 17.6	61 0.1	−24	0.984 6888	1161	7 42	16 44
28	117.5	8 24 34.992	777	+11	306 57 17.7	60 58.9	−37	0.984 8049	1194	7 41	16 46
29	118.5	8 28 31.548	777	+ 7	307 58 16.6	60 57.8	−48	0.984 9243	1230	7 39	16 47
30	119.5	8 32 28.103	−777	+ 2	308 59 14.4	60 56.5	−57	0.985 0473	1268	7 38	16 49
31	120.5	8 36 24.659	777	− 3	310 0 10.9	60 55.2	−64	0.985 1741	1309	7 37	16 51
Febr. 1	121.5	8 40 21.214	777	− 6	311 1 6.1	60 53.8	−67	0.985 3050	1353	7 35	16 52
2	122.5	8 44 17.769	777	− 7	312 1 59.9	60 52.5	−66	0.985 4403	1400	7 34	16 54
3	123.5	8 48 14.325	777	− 6	313 2 52.4	60 51.2	−62	0.985 5803	1448	7 32	16 56
4	124.5	8 52 10.880	777	− 3	314 3 43.6	60 49.7	−56	0.985 7251	1498	7 31	16 57
5	125.5	8 56 7.434	−778	+ 1	315 4 33.3	60 48.4	−47	0.985 8749	1549	7 29	16 59
6	126.5	9 0 3.989	779	+ 5	316 5 21.7	60 47.1	−36	0.986 0298	1602	7 28	17 1
7	127.5	9 4 0.544	779	+ 9	317 6 8.8	60 45.7	−25	0.986 1900	1656	7 26	17 3
8	128.5	9 7 57.099	780	+11	318 6 54.5	60 44.4	−12	0.986 3556	1709	7 25	17 4
9	129.5	9 11 53.653	781	+11	319 7 38.9	60 43.1	+ 1	0.986 5265	1762	7 23	17 6
10	130.5	9 15 50.208	−782	+10	320 8 22.0		+13	0.986 7027		7 21	17 8

Tag	Wochentag	0ʰ Welt-Zeit							
		Zeitgleichung Wahre Zeit *minus* Mittlere Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1944		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Febr. 10	Do	−14 19.21	1.34	21 30 9.41	3 57.90	−14 46 34.4	19 17.9	67.36	16 14.46
11	Fr	14 20.55	0.57	21 34 7.31	3 57.13	14 27 16.5	19 32.3	67.25	16 14.28
12	Sa	14 21.12	0.19	21 38 4.44	3 56.36	14 7 44.2	19 46.4	67.14	16 14.09
13	St	14 20.93	0.94	21 42 0.80	3 55.62	13 47 57.8	20 0.0	67.03	16 13.91
14	Mo	14 19.99	1.68	21 45 56.42	3 54.87	13 27 57.8	20 13.2	66.92	16 13.71
15	Di	14 18.31	2.40	21 49 51.29	3 54.15	13 7 44.6	20 26.1	66.82	16 13.51
16	Mi	−14 15.91	3.11	21 53 45.44	3 53.44	−12 47 18.5	20 38.5	66.71	16 13.31
17	Do	14 12.80	3.81	21 57 38.88	3 52.75	12 26 40.0	20 50.6	66.61	16 13.11
18	Fr	14 8.99	4.50	22 1 31.63	3 52.06	12 5 49.4	21 2.1	66.51	16 12.89
19	Sa	14 4.49	5.16	22 5 23.69	3 51.38	11 44 47.3	21 13.4	66.41	16 12.69
20	St	13 59.33	5.83	22 9 15.07	3 50.73	11 23 33.9	21 24.2	66.31	16 12.47
21	Mo	13 53.50	6.48	22 13 5.80	3 50.08	11 2 9.7	21 34.6	66.21	16 12.25
22	Di	−13 47.02	7.11	22 16 55.88	3 49.43	−10 40 35.1	21 44.5	66.11	16 12.04
23	Mi	13 39.91	7.75	22 20 45.31	3 48.81	10 18 50.6	21 54.1	66.02	16 11.81
24	Do	13 32.16	8.36	22 24 34.12	3 48.19	9 56 56.5	22 3.1	65.93	16 11.58
25	Fr	13 23.80	8.97	22 28 22.31	3 47.59	9 34 53.4	22 11.8	65.84	16 11.36
26	Sa	13 14.83	9.56	22 32 9.90	3 46.99	9 12 41.6	22 20.1	65.76	16 11.13
27	St	13 5.27	10.15	22 35 56.89	3 46.41	8 50 21.5	22 27.9	65.67	16 10.91
28	Mo	−12 55.12	10.71	22 39 43.30	3 45.84	− 8 27 53.6	22 35.3	65.59	16 10.68
29	Di	12 44.41	11.27	22 43 29.14	3 45.28	8 5 18.3	22 42.2	65.51	16 10.45
März 1	Mi	12 33.14	11.79	22 47 14.42	3 44.76	7 42 36.1	22 48.9	65.43	16 10.21
2	Do	12 21.35	12.31	22 50 59.18	3 44.24	7 19 47.2	22 55.1	65.36	16 9.98
3	Fr	12 9.04	12.81	22 54 43.42	3 43.74	6 56 52.1	23 0.8	65.29	16 9.74
4	Sa	11 56.23	13.29	22 58 27.16	3 43.27	6 33 51.3	23 6.2	65.22	16 9.51
5	St	−11 42.94	13.73	23 2 10.43	3 42.82	− 6 10 45.1	23 11.3	65.15	16 9.26
6	Mo	11 29.21	14.17	23 5 53.25	3 42.38	5 47 33.8	23 15.9	65.09	16 9.01
7	Di	11 15.04	14.58	23 9 35.63	3 41.98	5 24 17.9	23 20.1	65.03	16 8.76
8	Mi	11 0.46	14.97	23 13 17.61	3 41.58	5 0 57.8	23 24.1	64.97	16 8.51
9	Do	10 45.49	15.33	23 16 59.19	3 41.22	4 37 33.7	23 27.5	64.92	16 8.26
10	Fr	10 30.16	15.67	23 20 40.41	3 40.88	4 14 6.2	23 30.7	64.86	16 8.00
11	Sa	−10 14.49	15.99	23 24 21.29	3 40.56	− 3 50 35.5	23 33.5	64.81	16 7.74
12	St	9 58.50	16.29	23 28 1.85	3 40.27	3 27 2.0	23 35.9	64.77	16 7.48
13	Mo	9 42.21	16.56	23 31 42.12	3 39.99	3 3 26.1	23 38.1	64.73	16 7.21
14	Di	9 25.65	16.80	23 35 22.11	3 39.75	2 39 48.0	23 39.7	64.69	16 6.94
15	Mi	9 8.85	17.04	23 39 1.86	3 39.52	2 16 8.3	23 41.1	64.65	16 6.67
16	Do	8 51.81	17.23	23 42 41.38	3 39.31	1 52 27.2	23 42.1	64.61	16 6.40
17	Fr	− 8 34.58	17.42	23 46 20.69	3 39.13	− 1 28 45.1	23 42.7	64.58	16 6.13
18	Sa	8 17.16	17.58	23 49 59.82	3 38.98	1 5 2.4	23 43.0	64.55	16 5.84
19	St	7 59.58	17.72	23 53 38.80	3 38.83	0 41 19.4	23 43.0	64.53	16 5.56
20	Mo	7 41.86	17.84	23 57 17.63	3 38.71	− 0 17 36.4	23 42.6	64.51	16 5.29
21	Di	7 24.02	17.95	0 0 56.34	3 38.61	+ 0 6 6.2	23 41.8	64.49	16 5.01
22	Mi	− 7 6.07		0 4 34.95		+ 0 29 48.0		64.47	16 4.73

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	Nutation in AR. kurzp. Gl.	Mittleres Äquinoktium 1944.0 Länge		Breite	R		Aufgang in +50° Breite 0h Länge	Untergang in +50° Breite 0h Länge
1944	2431	h m s	s in 0.001		° ′ ″	′ ″	″ in 0.01			h m	h m
Febr. 10	130.5	9 15 50.208	−782	+10	320 8 22.0	60 41.8	+13	0.986 7027	1813	7 21	17 8
11	131.5	9 19 46.762	783	+ 7	321 9 3.8	60 40.6	+24	0.986 8840	1865	7 20	17 10
12	132.5	9 23 43.316	784	+ 2	322 9 44.4	60 39.4	+34	0.987 0705	1915	7 18	17 11
13	133.5	9 27 39.870	785	− 3	323 10 23.8	60 38.1	+41	0.987 2620	1963	7 16	17 13
14	134.5	9 31 36.425	786	− 8	324 11 1.9	60 36.9	+46	0.987 4583	2007	7 15	17 15
15	135.5	9 35 32.979	788	−13	325 11 38.8	60 35.6	+48	0.987 6590	2051	7 13	17 17
16	136.5	9 39 29.532	−789	−16	326 12 14.4	60 34.5	+47	0.987 8641	2091	7 11	17 18
17	137.5	9 43 26.086	791	−16	327 12 48.9	60 33.3	+44	0.988 0732	2129	7 9	17 20
18	138.5	9 47 22.640	792	−14	328 13 22.2	60 32.0	+37	0.988 2861	2161	7 7	17 22
19	139.5	9 51 19.193	794	− 9	329 13 54.2	60 30.8	+27	0.988 5022	2191	7 6	17 23
20	140.5	9 55 15.747	796	− 3	330 14 25.0	60 29.4	+16	0.988 7213	2216	7 4	17 25
21	141.5	9 59 12.300	798	+ 3	331 14 54.4	60 28.1	+ 3	0.988 9429	2238	7 2	17 27
22	142.5	10 3 8.854	−800	+ 9	332 15 22.5	60 26.6	−11	0.989 1667	2256	7 0	17 29
23	143.5	10 7 5.407	802	+12	333 15 49.1	60 25.1	−26	0.989 3923	2273	6 58	17 30
24	144.5	10 11 1.960	804	+11	334 16 14.2	60 23.4	−40	0.989 6196	2288	6 56	17 32
25	145.5	10 14 58.513	806	+ 8	335 16 37.6	60 21.6	−52	0.989 8484	2302	6 54	17 34
26	146.5	10 18 55.066	809	+ 3	336 16 59.2	60 19.8	−62	0.990 0786	2318	6 52	17 35
27	147.5	10 22 51.619	811	− 2	337 17 19.0	60 17.8	−69	0.990 3104	2336	6 50	17 37
28	148.5	10 26 48.172	−814	− 6	338 17 36.8	60 15.8	−73	0.990 5440	2355	6 48	17 39
29	149.5	10 30 44.725	816	− 7	339 17 52.6	60 13.7	−73	0.990 7795	2376	6 46	17 40
März 1	150.5	10 34 41.278	819	− 6	340 18 6.3	60 11.7	−70	0.991 0171	2401	6 44	17 42
2	151.5	10 38 37.831	821	− 4	341 18 18.0	60 9.5	−64	0.991 2572	2427	6 42	17 44
3	152.5	10 42 34.383	824	+ 1	342 18 27.5	60 7.5	−56	0.991 4999	2455	6 40	17 45
4	153.5	10 46 30.936	827	+ 5	343 18 35.0	60 5.4	−46	0.991 7454	2484	6 38	17 47
5	154.5	10 50 27.488	−830	+ 9	344 18 40.4	60 3.3	−36	0.991 9938	2516	6 36	17 49
6	155.5	10 54 24.041	833	+11	345 18 43.7	60 1.3	−23	0.992 2454	2547	6 34	17 50
7	156.5	10 58 20.593	836	+12	346 18 45.0	59 59.2	−10	0.992 5001	2579	6 31	17 52
8	157.5	11 2 17.146	839	+11	347 18 44.2	59 57.3	+ 2	0.992 7580	2612	6 29	17 54
9	158.5	11 6 13.698	842	+ 8	348 18 41.5	59 55.3	+13	0.993 0192	2643	6 27	17 55
10	159.5	11 10 10.250	845	+ 4	349 18 36.8	59 53.3	+23	0.993 2835	2675	6 25	17 57
11	160.5	11 14 6.803	−848	0	350 18 30.1	59 51.5	+31	0.993 5510	2706	6 23	17 58
12	161.5	11 18 3.355	851	− 6	351 18 21.6	59 49.6	+36	0.993 8216	2736	6 21	18 0
13	162.5	11 21 59.907	854	−11	352 18 11.2	59 47.8	+39	0.994 0952	2764	6 19	18 2
14	163.5	11 25 56.459	857	−14	353 17 59.0	59 46.0	+40	0.994 3716	2789	6 16	18 3
15	164.5	11 29 53.012	860	−15	354 17 45.0	59 44.3	+37	0.994 6505	2811	6 14	18 5
16	165.5	11 33 49.564	863	−15	355 17 29.3	59 42.5	+32	0.994 9316	2832	6 12	18 6
17	166.5	11 37 46.116	−866	−11	356 17 11.8	59 40.9	+24	0.995 2148	2848	6 10	18 8
18	167.5	11 41 42.668	870	− 5	357 16 52.7	59 39.1	+12	0.995 4996	2860	6 8	18 10
19	168.5	11 45 39.220	873	+ 1	358 16 31.8	59 37.5	0	0.995 7856	2868	6 6	18 11
20	169.5	11 49 35.772	876	+ 6	359 16 9.3	59 35.7	−14	0.996 0724	2872	6 3	18 13
21	170.5	11 53 32.324	880	+10	0 15 45.0	59 33.9	−28	0.996 3596	2872	6 1	18 14
22	171.5	11 57 28.877	−883	+10	1 15 18.9		−42	0.996 6468		5 59	18 16

Tag	Wochentag	0ʰ Welt-Zeit: Zeitgleichung (Wahre Zeit *minus* Mittlere Zeit) m s	Diff. s	Scheinbare Rektaszension h m s	Diff. m s	Scheinbare Deklination ° ′ ″	Diff. ′ ″	Halbe Durchgangs-Dauer St.-Zt. ″	Halbmesser ′ ″
1944									
März 22	Mi	−7 6.07	18.03	0 4 34.95	3 38.51	+ 0 29 48.0	23 40.5	64.47	16 4.73
23	Do	6 48.04	18.11	0 8 13.46	3 38.45	0 53 28.5	23 39.1	64.46	16 4.46
24	Fr	6 29.93	18.16	0 11 51.91	3 38.40	1 17 7.6	23 37.1	64.45	16 4.18
25	Sa	6 11.77	18.20	0 15 30.31	3 38.35	1 40 44.7	23 34.7	64.44	16 3.90
26	St	5 53.57	18.22	0 19 8.66	3 38.33	2 4 19.4	23 32.1	64.44	16 3.64
27	Mo	5 35.35	18.23	0 22 46.99	3 38.32	2 27 51.5	23 29.0	64.44	16 3.36
28	Di	−5 17.12	18.23	0 26 25.31	3 38.32	+ 2 51 20.5	23 25.5	64.44	16 3.09
29	Mi	4 58.89	18.20	0 30 3.63	3 38.35	3 14 46.0	23 21.7	64.45	16 2.82
30	Do	4 40.69	18.16	0 33 41.98	3 38.40	3 38 7.7	23 17.5	64.46	16 2.54
31	Fr	4 22.53	18.09	0 37 20.38	3 38.46	4 1 25.2	23 13.0	64.47	16 2.27
April 1	Sa	4 4.44	18.00	0 40 58.84	3 38.55	4 24 38.2	23 8.1	64.48	16 2.00
2	St	3 46.44	17.90	0 44 37.39	3 38.65	4 47 46.3	23 2.8	64.50	16 1.73
3	Mo	−3 28.54	17.78	0 48 16.04	3 38.78	+ 5 10 49.1	22 57.3	64.52	16 1.46
4	Di	3 10.76	17.63	0 51 54.82	3 38.92	5 33 46.4	22 51.3	64.54	16 1.18
5	Mi	2 53.13	17.47	0 55 33.74	3 39.09	5 56 37.7	22 45.1	64.57	16 0.91
6	Do	2 35.66	17.27	0 59 12.83	3 39.27	6 19 22.8	22 38.5	64.60	16 0.63
7	Fr	2 18.39	17.07	1 2 52.10	3 39.48	6 42 1.3	22 31.5	64.63	16 0.36
8	Sa	2 1.32	16.84	1 6 31.58	3 39.72	7 4 32.8	22 24.4	64.66	16 0.09
9	St	−1 44.48	16.59	1 10 11.30	3 39.96	+ 7 26 57.2	22 16.8	64.69	15 59.82
10	Mo	1 27.89	16.32	1 13 51.26	3 40.23	7 49 14.0	22 8.9	64.73	15 59.54
11	Di	1 11.57	16.04	1 17 31.49	3 40.52	8 11 22.9	22 0.7	64.77	15 59.27
12	Mi	0 55.53	15.72	1 21 12.01	3 40.84	8 33 23.6	21 52.1	64.81	15 59.00
13	Do	0 39.81	15.39	1 24 52.85	3 41.16	8 55 15.7	21 43.4	64.86	15 58.72
14	Fr	0 24.42	15.04	1 28 34.01	3 41.51	9 16 59.1	21 34.2	64.91	15 58.45
15	Sa	−0 9.38	14.67	1 32 15.52	3 41.87	+ 9 38 33.3	21 24.6	64.96	15 58.17
16	St	+0 5.29	14.30	1 35 57.39	3 42.26	9 59 57.9	21 14.9	65.01	15 57.90
17	Mo	0 19.59	13.90	1 39 39.65	3 42.66	10 21 12.8	21 4.8	65.06	15 57.62
18	Di	0 33.49	13.49	1 43 22.31	3 43.06	10 42 17.6	20 54.3	65.11	15 57.35
19	Mi	0 46.98	13.07	1 47 5.37	3 43.49	11 3 11.9	20 43.5	65.17	15 57.08
20	Do	1 0.05	12.63	1 50 48.86	3 43.92	11 23 55.4	20 32.3	65.23	15 56.82
21	Fr	+1 12.68	12.20	1 54 32.78	3 44.35	+11 44 27.7	20 20.8	65.30	15 56.55
22	Sa	1 24.88	11.74	1 58 17.13	3 44.81	12 4 48.5	20 9.0	65.36	15 56.29
23	St	1 36.62	11.29	2 2 1.94	3 45.26	12 24 57.5	19 56.7	65.43	15 56.03
24	Mo	1 47.91	10.83	2 5 47.20	3 45.73	12 44 54.2	19 44.1	65.50	15 55.78
25	Di	1 58.74	10.36	2 9 32.93	3 46.20	13 4 38.3	19 31.3	65.57	15 55.53
26	Mi	2 9.10	9.88	2 13 19.13	3 46.67	13 24 9.6	19 18.0	65.64	15 55.27
27	Do	+2 18.98	9.40	2 17 5.80	3 47.16	+13 43 27.6	19 4.4	65.71	15 55.03
28	Fr	2 28.38	8.90	2 20 52.96	3 47.65	14 2 32.0	18 50.4	65.78	15 54.79
29	Sa	2 37.28	8.40	2 24 40.61	3 48.15	14 21 22.4	18 36.1	65.86	15 54.56
30	St	2 45.68	7.89	2 28 28.76	3 48.66	14 39 58.5	18 21.6	65.93	15 54.32
Mai 1	Mo	2 53.57	7.37	2 32 17.42	3 49.19	14 58 20.1	18 6.7	66.01	15 54.08
2	Di	+3 0.94		2 36 6.61		+15 16 26.8		66.08	15 53.85

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	Nutation in AR. kurzp. Gl.	Mittleres Äquinoktium 1944.0 Länge	Diff.	Breite	R	Diff.	Aufgang in {+50° Breite 0h Länge}	Untergang in {+50° Breite 0h Länge}
1944	2431	h m s	in 0.001 s		° ′ ″	′ ″	in 0.01″			h m	h m
März 22	171.5	11 57 28.877	−883	+10	1 15 18.9	59 32.1	−42	0.996 6468	2868	5 59	18 16
23	172.5	12 1 25.429	886	+ 8	2 14 51.0	59 30.2	−55	0.996 9336	2862	5 57	18 17
24	173.5	12 5 21.981	889	+ 4	3 14 21.2	59 28.1	−65	0.997 2198	2853	5 55	18 19
25	174.5	12 9 18.533	892	− 1	4 13 49.3	59 26.1	−72	0.997 5051	2843	5 53	18 21
26	175.5	12 13 15.085	895	− 5	5 13 15.4	59 23.9	−76	0.997 7894	2836	5 50	18 22
27	176.5	12 17 11.637	899	− 8	6 12 39.3	59 21.7	−77	0.998 0730	2828	5 48	18 24
28	177.5	12 21 8.190	−902	− 8	7 12 1.0	59 19.4	−76	0.998 3558	2822	5 46	18 25
29	178.5	12 25 4.742	905	− 5	8 11 20.4	59 17.1	−71	0.998 6380	2819	5 44	18 27
30	179.5	12 29 1.294	908	− 1	9 10 37.5	59 14.7	−63	0.998 9199	2817	5 42	18 28
31	180.5	12 32 57.846	911	+ 4	10 9 52.2	59 12.5	−53	0.999 2016	2818	5 40	18 30
Apr. 1	181.5	12 36 54.399	914	+ 8	11 9 4.7	59 10.1	−43	0.999 4834	2820	5 37	18 32
2	182.5	12 40 50.951	917	+11	12 8 14.8	59 7.8	−31	0.999 7654	2824	5 35	18 33
3	183.5	12 44 47.504	−920	+13	13 7 22.6	59 5.6	−18	1.000 0478	2828	5 33	18 35
4	184.5	12 48 44.056	923	+12	14 6 28.2	59 3.3	− 6	1.000 3306	2833	5 31	18 36
5	185.5	12 52 40.608	926	+10	15 5 31.5	59 1.1	+ 5	1.000 6139	2840	5 29	18 38
6	186.5	12 56 37.161	929	+ 6	16 4 32.6	58 58.9	+15	1.000 8979	2847	5 27	18 39
7	187.5	13 0 33.714	931	+ 1	17 3 31.5	58 56.8	+23	1.001 1826	2854	5 24	18 41
8	188.5	13 4 30.266	934	− 4	18 2 28.3	58 54.8	+29	1.001 4680	2862	5 22	18 43
9	189.5	13 8 26.819	−937	− 9	19 1 23.1	58 52.7	+32	1.001 7542	2869	5 20	18 44
10	190.5	13 12 23.372	939	−12	20 0 15.8	58 50.8	+32	1.002 0411	2874	5 18	18 46
11	191.5	13 16 19.925	942	−14	20 59 6.6	58 48.9	+30	1.002 3285	2879	5 16	18 47
12	192.5	13 20 16.477	944	−14	21 57 55.5	58 47.1	+26	1.002 6164	2881	5 14	18 49
13	193.5	13 24 13.030	947	−11	22 56 42.6	58 45.3	+18	1.002 9045	2880	5 12	18 50
14	194.5	13 28 9.583	949	− 7	23 55 27.9	58 43.6	+ 7	1.003 1925	2876	5 10	18 52
15	195.5	13 32 6.136	−951	− 1	24 54 11.5	58 41.9	− 5	1.003 4801	2869	5 8	18 54
16	196.5	13 36 2.690	954	+ 5	25 52 53.4	58 40.3	−18	1.003 7670	2859	5 6	18 55
17	197.5	13 39 59.243	956	+ 9	26 51 33.7	58 38.6	−32	1.004 0529	2843	5 4	18 57
18	198.5	13 43 55.796	958	+10	27 50 12.3	58 37.0	−45	1.004 3372	2823	5 2	18 58
19	199.5	13 47 52.349	960	+ 9	28 48 49.3	58 35.3	−56	1.004 6195	2800	5 0	19 0
20	200.5	13 51 48.903	962	+ 5	29 47 24.6	58 33.6	−66	1.004 8995	2772	4 58	19 1
21	201.5	13 55 45.456	−964	0	30 45 58.2	58 31.8	−74	1.005 1767	2743	4 56	19 3
22	202.5	13 59 42.010	965	− 5	31 44 30.0	58 30.0	−79	1.005 4510	2711	4 54	19 4
23	203.5	14 3 38.564	967	− 8	32 43 0.0	58 28.1	−80	1.005 7221	2678	4 52	19 6
24	204.5	14 7 35.118	969	− 9	33 41 28.1	58 26.2	−78	1.005 9899	2646	4 50	19 8
25	205.5	14 11 31.671	970	− 7	34 39 54.3	58 24.1	−74	1.006 2545	2613	4 48	19 9
26	206.5	14 15 28.225	972	− 3	35 38 18.4	58 22.1	−67	1.006 5158	2583	4 46	19 11
27	207.5	14 19 24.779	−973	+ 1	36 36 40.5	58 20.1	−58	1.006 7741	2555	4 44	19 12
28	208.5	14 23 21.333	974	+ 7	37 35 0.6	58 18.0	−47	1.007 0296	2528	4 42	19 14
29	209.5	14 27 17.888	975	+10	38 33 18.6	58 16.0	−35	1.007 2824	2503	4 40	19 15
30	210.5	14 31 14.442	976	+13	39 31 34.6	58 13.9	−22	1.007 5327	2480	4 39	19 17
Mai 1	211.5	14 35 10.996	977	+13	40 29 48.5	58 11.9	−10	1.007 7807	2458	4 37	19 18
2	212.5	14 39 7.551	−978	+11	41 28 0.4		+ 1	1.008 0265		4 35	19 20

Tag	Wochentag	0ʰ Welt-Zeit: Zeitgleichung Wahre Zeit *minus* Mittlere Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1944		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Mai 2	Di	+3 0.94	6.85	2 36 6.61	3 49.71	+15 16 26.8	17 51.5	66.08	15 53.85
3	Mi	3 7.79	6.31	2 39 56.32	3 50.24	15 34 18.3	17 35.9	66.16	15 53.62
4	Do	3 14.10	5.78	2 43 46.56	3 50.78	15 51 54.2	17 20.2	66.24	15 53.39
5	Fr	3 19.88	5.22	2 47 37.34	3 51.33	16 9 14.4	17 3.9	66.32	15 53.16
6	Sa	3 25.10	4.67	2 51 28.67	3 51.88	16 26 18.3	16 47.5	66.41	15 52.94
7	St	3 29.77	4.11	2 55 20.55	3 52.45	16 43 5.8	16 30.9	66.49	15 52.71
8	Mo	+3 33.88	3.55	2 59 13.00	3 53.01	+16 59 36.7	16 13.8	66.57	15 52.49
9	Di	3 37.43	2.96	3 3 6.01	3 53.59	17 15 50.5	15 56.5	66.65	15 52.27
10	Mi	3 40.39	2.39	3 6 59.60	3 54.17	17 31 47.0	15 39.0	66.73	15 52.05
11	Do	3 42.78	1.80	3 10 53.77	3 54.75	17 47 26.0	15 21.1	66.81	15 51.83
12	Fr	3 44.58	1.22	3 14 48.52	3 55.34	18 2 47.1	15 3.0	66.90	15 51.62
13	Sa	3 45.80	0.62	3 18 43.86	3 55.93	18 17 50.1	14 44.7	66.98	15 51.40
14	St	+3 46.42	0.03	3 22 39.79	3 56.52	+18 32 34.8	14 26.0	67.06	15 51.19
15	Mo	3 46.45	0.56	3 26 36.31	3 57.12	18 47 0.8	14 7.1	67.14	15 50.98
16	Di	3 45.89	1.14	3 30 33.43	3 57.70	19 1 7.9	13 47.8	67.22	15 50.78
17	Mi	3 44.75	1.73	3 34 31.13	3 58.28	19 14 55.7	13 28.4	67.30	15 50.58
18	Do	3 43.02	2.30	3 38 29.41	3 58.86	19 28 24.1	13 8.7	67.38	15 50.37
19	Fr	3 40.72	2.86	3 42 28.27	3 59.42	19 41 32.8	12 48.6	67.46	15 50.17
20	Sa	+3 37.86	3.42	3 46 27.69	3 59.97	+19 54 21.4	12 28.4	67.54	15 49.98
21	St	3 34.44	3.97	3 50 27.66	4 0.53	20 6 49.8	12 7.7	67.62	15 49.80
22	Mo	3 30.47	4.49	3 54 28.19	4 1.05	20 18 57.5	11 47.0	67.69	15 49.62
23	Di	3 25.98	5.01	3 58 29.24	4 1.56	20 30 44.5	11 25.9	67.77	15 49.45
24	Mi	3 20.97	5.52	4 2 30.80	4 2.08	20 42 10.4	11 4.5	67.84	15 49.28
25	Do	3 15.45	6.01	4 6 32.88	4 2.56	20 53 14.9	10 42.9	67.91	15 49.11
26	Fr	+3 9.44	6.48	4 10 35.44	4 3.04	+21 3 57.8	10 21.1	67.98	15 48.94
27	Sa	3 2.96	6.94	4 14 38.48	4 3.50	21 14 18.9	9 59.1	68.05	15 48.79
28	St	2 56.02	7.39	4 18 41.98	4 3.94	21 24 18.0	9 36.8	68.12	15 48.63
29	Mo	2 48.63	7.82	4 22 45.92	4 4.38	21 33 54.8	9 14.4	68.18	15 48.48
30	Di	2 40.81	8.24	4 26 50.30	4 4.80	21 43 9.2	8 51.7	68.24	15 48.33
31	Mi	2 32.57	8.65	4 30 55.10	4 5.20	21 52 0.9	8 28.8	68.30	15 48.19
Juni 1	Do	+2 23.92	9.03	4 35 0.30	4 5.59	+22 0 29.7	8 5.8	68.36	15 48.06
2	Fr	2 14.89	9.41	4 39 5.89	4 5.96	22 8 35.5	7 42.6	68.42	15 47.92
3	Sa	2 5.48	9.76	4 43 11.85	4 6.32	22 16 18.1	7 19.3	68.47	15 47.80
4	St	1 55.72	10.11	4 47 18.17	4 6.67	22 23 37.4	6 55.7	68.52	15 47.68
5	Mo	1 45.61	10.43	4 51 24.84	4 6.99	22 30 33.1	6 32.1	68.57	15 47.55
6	Di	1 35.18	10.74	4 55 31.83	4 7.30	22 37 5.2	6 8.3	68.62	15 47.43
7	Mi	+1 24.44	11.05	4 59 39.13	4 7.60	+22 43 13.5	5 44.4	68.66	15 47.30
8	Do	1 13.39	11.33	5 3 46.73	4 7.89	22 48 57.9	5 20.4	68.70	15 47.19
9	Fr	1 2.06	11.59	5 7 54.62	4 8.15	22 54 18.3	4 56.3	68.74	15 47.07
10	Sa	0 50.47	11.84	5 12 2.77	4 8.40	22 59 14.6	4 32.0	68.77	15 46.97
11	St	0 38.63	12.08	5 16 11.17	4 8.63	23 3 46.6	4 7.8	68.80	15 46.86
12	Mo	+0 26.55		5 20 19.80		+23 7 54.4		68.83	15 46.75

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	Nutation in AR. kurzp. Gl.	Mittleres Äquinoktium 1944.0 Länge		Breite	R		Aufgang in {+50° Breite, 0h Länge}	Untergang in {+50° Breite, 0h Länge}
1944	2431	h m s	s in 0.001		° ′ ″	′ ″	″ in 0.01			h m	h m
Mai 2	212.5	14 39 7.551	−978	+11	41 28 0.4	58 9.9	+ 1	1.008 0265	2438	4 35	19 20
3	213.5	14 43 4.105	979	+ 8	42 26 10.3	58 8.0	+11	1.008 2703	2420	4 33	19 22
4	214.5	14 47 0.660	980	+ 3	43 24 18.3	58 6.1	+19	1.008 5123	2403	4 31	19 23
5	215.5	14 50 57.215	981	− 2	44 22 24.4	58 4.3	+24	1.008 7526	2385	4 30	19 25
6	216.5	14 54 53.769	981	− 7	45 20 28.7	58 2.4	+28	1.008 9911	2370	4 28	19 26
7	217.5	14 58 50.324	982	−11	46 18 31.1	58 0.7	+30	1.009 2281	2356	4 26	19 27
8	218.5	15 2 46.879	−982	−14	47 16 31.8	57 59.1	+28	1.009 4637	2340	4 25	19 29
9	219.5	15 6 43.434	982	−14	48 14 30.9	57 57.6	+23	1.009 6977	2326	4 23	19 30
10	220.5	15 10 39.990	982	−12	49 12 28.5	57 56.0	+16	1.009 9303	2309	4 22	19 32
11	221.5	15 14 36.545	983	− 7	50 10 24.5	57 54.7	+ 6	1.010 1612	2292	4 20	19 33
12	222.5	15 18 33.100	983	− 2	51 8 19.2	57 53.3	− 6	1.010 3904	2271	4 19	19 35
13	223.5	15 22 29.655	983	+ 4	52 6 12.5	57 52.1	−20	1.010 6175	2247	4 17	19 36
14	224.5	15 26 26.211	−983	+ 8	53 4 4.6	57 50.9	−33	1.010 8422	2220	4 16	19 38
15	225.5	15 30 22.766	982	+11	54 1 55.5	57 49.8	−46	1.011 0642	2189	4 14	19 39
16	226.5	15 34 19.322	982	+10	54 59 45.3	57 48.6	−59	1.011 2831	2154	4 13	19 40
17	227.5	15 38 15.878	982	+ 7	55 57 33.9	57 47.5	−69	1.011 4985	2115	4 12	19 42
18	228.5	15 42 12.434	981	+ 2	56 55 21.4	57 46.3	−76	1.011 7100	2073	4 10	19 43
19	229.5	15 46 8.990	981	− 3	57 53 7.7	57 45.2	−81	1.011 9173	2027	4 9	19 45
20	230.5	15 50 5.546	−980	− 8	58 50 52.9	57 44.0	−82	1.012 1200	1978	4 8	19 46
21	231.5	15 54 2.102	979	−10	59 48 36.9	57 42.7	−81	1.012 3178	1928	4 7	19 47
22	232.5	15 57 58.658	979	− 9	60 46 19.6	57 41.5	−77	1.012 5106	1877	4 5	19 49
23	233.5	16 1 55.214	978	− 6	61 44 1.1	57 40.2	−69	1.012 6983	1826	4 4	19 50
24	234.5	16 5 51.770	977	− 1	62 41 41.3	57 38.8	−59	1.012 8809	1775	4 3	19 51
25	235.5	16 9 48.326	976	+ 4	63 39 20.1	57 37.4	−48	1.013 0584	1726	4 2	19 52
26	236.5	16 13 44.883	−975	+ 9	64 36 57.5	57 36.1	−35	1.013 2310	1678	4 1	19 54
27	237.5	16 17 41.439	974	+12	65 34 33.6	57 34.6	−22	1.013 3988	1632	4 0	19 55
28	238.5	16 21 37.996	973	+13	66 32 8.2	57 33.3	−10	1.013 5620	1589	3 59	19 56
29	239.5	16 25 34.552	971	+12	67 29 41.5	57 31.9	+ 1	1.013 7209	1547	3 58	19 57
30	240.5	16 29 31.109	970	+ 9	68 27 13.4	57 30.6	+12	1.013 8756	1506	3 58	19 58
31	241.5	16 33 27.666	969	+ 4	69 24 44.0	57 29.2	+21	1.014 0262	1468	3 57	19 59
Juni 1	242.5	16 37 24.223	−967	− 1	70 22 13.2	57 28.0	+28	1.014 1730	1432	3 56	20 0
2	243.5	16 41 20.779	966	− 6	71 19 41.2	57 26.8	+32	1.014 3162	1396	3 55	20 1
3	244.5	16 45 17.336	964	−11	72 17 8.0	57 25.6	+33	1.014 4558	1364	3 55	20 2
4	245.5	16 49 13.893	963	−14	73 14 33.6	57 24.5	+32	1.014 5922	1333	3 54	20 3
5	246.5	16 53 10.450	961	−14	74 11 58.1	57 23.5	+28	1.014 7255	1303	3 53	20 4
6	247.5	16 57 7.007	960	−13	75 9 21.6	57 22.5	+21	1.014 8558	1274	3 53	20 5
7	248.5	17 1 3.564	−958	− 9	76 6 44.1	57 21.7	+12	1.014 9832	1245	3 52	20 6
8	249.5	17 5 0.121	956	− 3	77 4 5.8	57 21.0	+ 1	1.015 1077	1215	3 52	20 6
9	250.5	17 8 56.678	955	+ 3	78 1 26.8	57 20.4	−13	1.015 2292	1185	3 52	20 7
10	251.5	17 12 53.235	953	+ 8	78 58 47.2	57 19.8	−26	1.015 3477	1151	3 51	20 8
11	252.5	17 16 49.793	951	+11	79 56 7.0	57 19.3	−39	1.015 4628	1116	3 51	20 9
12	253.5	17 20 46.350	−949	+11	80 53 26.3		−51	1.015 5744		3 51	20 9

Tag		Wochentag	0h Welt-Zeit							
			Zeitgleichung Wahre Zeit *minus* Mittlere Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1944			m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Juni	12	Mo	+0 26.55	12.29	5 20 19.80	4 8.85	+23 7 54.4	3 43.3	68.83	15 46.75
	13	Di	0 14.26	12.48	5 24 28.65	4 9.04	23 11 37.7	3 18.9	68.86	15 46.66
	14	Mi	+0 1.78	12.66	5 28 37.69	4 9.21	23 14 56.6	2 54.3	68.88	15 46.56
	15	Do	−0 10.88	12.79	5 32 46.90	4 9.35	23 17 50.9	2 29.7	68.90	15 46.46
	16	Fr	0 23.67	12.92	5 36 56.25	4 9.48	23 20 20.6	2 5.1	68.91	15 46.38
	17	Sa	0 36.59	13.01	5 41 5.73	4 9.57	23 22 25.7	1 40.4	68.93	15 46.30
	18	St	−0 49.60	13.08	5 45 15.30	4 9.64	+23 24 6.1	1 15.6	68.94	15 46.22
	19	Mo	1 2.68	13.12	5 49 24.94	4 9.67	23 25 21.7	0 50.8	68.94	15 46.14
	20	Di	1 15.80	13.13	5 53 34.61	4 9.69	23 26 12.5	0 26.0	68.94	15 46.07
	21	Mi	1 28.93	13.11	5 57 44.30	4 9.67	23 26 38.5	0 1.3	68.94	15 46.02
	22	Do	1 42.04	13.07	6 1 53.97	4 9.62	23 26 39.8	0 23.6	68.93	15 45.97
	23	Fr	1 55.11	12.99	6 6 3.59	4 9.55	23 26 16.2	0 48.4	68.92	15 45.92
	24	Sa	−2 8.10	12.90	6 10 13.14	4 9.45	+23 25 27.8	1 13.1	68.91	15 45.87
	25	St	2 21.00	12.77	6 14 22.59	4 9.33	23 24 14.7	1 37.9	68.90	15 45.83
	26	Mo	2 33.77	12.62	6 18 31.92	4 9.17	23 22 36.8	2 2.6	68.89	15 45.80
	27	Di	2 46.39	12.44	6 22 41.09	4 9.00	23 20 34.2	2 27.2	68.87	15 45.78
	28	Mi	2 58.83	12.24	6 26 50.09	4 8.81	23 18 7.0	2 51.7	68.84	15 45.75
	29	Do	3 11.07	12.03	6 30 58.90	4 8.58	23 15 15.3	3 16.2	68.82	15 45.73
	30	Fr	−3 23.10	11.78	6 35 7.48	4 8.34	+23 11 59.1	3 40.6	68.79	15 45.72
Juli	1	Sa	3 34.88	11.52	6 39 15.82	4 8.07	23 8 18.5	4 4.9	68.76	15 45.71
	2	St	3 46.40	11.23	6 43 23.89	4 7.79	23 4 13.6	4 29.1	68.72	15 45.70
	3	Mo	3 57.63	10.93	6 47 31.68	4 7.49	22 59 44.5	4 53.2	68.68	15 45.70
	4	Di	4 8.56	10.61	6 51 39.17	4 7.17	22 54 51.3	5 17.0	68.64	15 45.70
	5	Mi	4 19.17	10.27	6 55 46.34	4 6.83	22 49 34.3	5 40.9	68.60	15 45.71
	6	Do	−4 29.44	9.93	6 59 53.17	4 6.48	+22 43 53.4	6 4.6	68.55	15 45.71
	7	Fr	4 39.37	9.56	7 3 59.65	4 6.12	22 37 48.8	6 28.0	68.50	15 45.72
	8	Sa	4 48.93	9.18	7 8 5.77	4 5.74	22 31 20.8	6 51.5	68.44	15 45.74
	9	St	4 58.11	8.80	7 12 11.51	4 5.35	22 24 29.3	7 14.6	68.39	15 45.75
	10	Mo	5 6.91	8.39	7 16 16.86	4 4.95	22 17 14.7	7 37.7	68.33	15 45.77
	11	Di	5 15.30	7.97	7 20 21.81	4 4.53	22 9 37.0	8 0.6	68.27	15 45.79
	12	Mi	−5 23.27	7.55	7 24 26.34	4 4.10	+22 1 36.4	8 23.2	68.21	15 45.82
	13	Do	5 30.82	7.10	7 28 30.44	4 3.66	21 53 13.2	8 45.8	68.15	15 45.85
	14	Fr	5 37.92	6.63	7 32 34.10	4 3.19	21 44 27.4	9 8.0	68.08	15 45.89
	15	Sa	5 44.55	6.16	7 36 37.29	4 2.72	21 35 19.4	9 30.2	68.01	15 45.93
	16	St	5 50.71	5.67	7 40 40.01	4 2.22	21 25 49.2	9 52.0	67.94	15 45.98
	17	Mo	5 56.38	5.16	7 44 42.23	4 1.72	21 15 57.2	10 13.7	67.86	15 46.03
	18	Di	−6 1.54	4.64	7 48 43.95	4 1.19	+21 5 43.5	10 35.1	67.79	15 46.08
	19	Mi	6 6.18	4.10	7 52 45.14	4 0.65	20 55 8.4	10 56.3	67.72	15 46.14
	20	Do	6 10.28	3.54	7 56 45.79	4 0.10	20 44 12.1	11 17.4	67.64	15 46.22
	21	Fr	6 13.82	2.98	8 0 45.89	3 59.54	20 32 54.7	11 38.0	67.56	15 46.29
	22	Sa	6 16.80	2.41	8 4 45.43	3 58.96	20 21 16.7	11 58.6	67.48	15 46.36
	23	St	−6 19.21		8 8 44.39		+20 9 18.1		67.40	15 46.44

Tag	0h Welt-Zeit Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	kurzp. Gl.	Mittleres Äquinoktium 1944.0 Länge		Breite	R		Aufgang in {+50° Breite, 0h Länge}	Untergang
1944	2431	h m s	in 0.001 s		° ′ ″	′ ″	in 0.01″			h m	h m
Juni 12	253.5	17 20 46.350	−949	+11	80 53 26.3	57 18.9	−51	1.015 5744	1076	3 51	20 9
13	254.5	17 24 42.907	947	+ 9	81 50 45.2	57 18.5	−62	1.015 6820	1034	3 50	20 10
14	255.5	17 28 39.464	945	+ 4	82 48 3.7	57 18.2	−70	1.015 7854	987	3 50	20 10
15	256.5	17 32 36.021	944	− 1	83 45 21.9	57 17.9	−77	1.015 8841	937	3 50	20 11
16	257.5	17 36 32.578	942	− 6	84 42 39.8	57 17.6	−79	1.015 9778	884	3 50	20 11
17	258.5	17 40 29.136	940	− 9	85 39 57.4	57 17.3	−77	1.016 0662	828	3 50	20 12
18	259.5	17 44 25.693	−938	− 9	86 37 14.7	57 16.9	−73	1.016 1490	769	3 50	20 12
19	260.5	17 48 22.251	936	− 7	87 34 31.6	57 16.5	−66	1.016 2259	710	3 50	20 12
20	261.5	17 52 18.808	934	− 3	88 31 48.1	57 16.2	−56	1.016 2969	649	3 50	20 13
21	262.5	17 56 15.365	932	+ 2	89 29 4.3	57 15.7	−44	1.016 3618	588	3 51	20 13
22	263.5	18 0 11.923	930	+ 7	90 26 20.0	57 15.2	−31	1.016 4206	528	3 51	20 13
23	264.5	18 4 8.480	928	+10	91 23 35.2	57 14.7	−18	1.016 4734	469	3 51	20 13
24	265.5	18 8 5.037	−926	+12	92 20 49.9	57 14.3	− 5	1.016 5203	413	3 51	20 13
25	266.5	18 12 1.595	924	+12	93 18 4.2	57 13.8	+ 7	1.016 5616	357	3 52	20 13
26	267.5	18 15 58.152	922	+10	94 15 18.0	57 13.3	+18	1.016 5973	303	3 52	20 13
27	268.5	18 19 54.709	920	+ 6	95 12 31.3	57 12.8	+28	1.016 6276	252	3 53	20 13
28	269.5	18 23 51.266	918	+ 1	96 9 44.1	57 12.4	+35	1.016 6528	202	3 53	20 13
29	270.5	18 27 47.824	916	− 5	97 6 56.5	57 11.9	+40	1.016 6730	155	3 54	20 13
30	271.5	18 31 44.381	−915	−10	98 4 8.4	57 11.6	+43	1.016 6885	110	3 54	20 13
Juli 1	272.5	18 35 40.938	913	−14	99 1 20.0	57 11.2	+43	1.016 6995	68	3 55	20 12
2	273.5	18 39 37.495	911	−15	99 58 31.2	57 10.9	+39	1.016 7063	28	3 55	20 12
3	274.5	18 43 34.052	909	−15	100 55 42.1	57 10.7	+33	1.016 7091	$\overline{10}$	3 56	20 12
4	275.5	18 47 30.610	907	−11	101 52 52.8	57 10.6	+24	1.016 7081	44	3 57	20 11
5	276.5	18 51 27.167	906	− 6	102 50 3.4	57 10.5	+14	1.016 7037	79	3 58	20 11
6	277.5	18 55 23.724	−904	+ 1	103 47 13.9	57 10.5	+ 1	1.016 6958	111	3 58	20 10
7	278.5	18 59 20.281	902	+ 7	104 44 24.4	57 10.7	−13	1.016 6847	143	3 59	20 10
8	279.5	19 3 16.838	901	+11	105 41 35.1	57 11.0	−27	1.016 6704	178	4 0	20 9
9	280.5	19 7 13.395	899	+12	106 38 46.1	57 11.3	−40	1.016 6526	213	4 1	20 9
10	281.5	19 11 9.951	898	+11	107 35 57.4	57 11.8	−51	1.016 6313	251	4 2	20 8
11	282.5	19 15 6.508	896	+ 6	108 33 9.2	57 12.3	−60	1.016 6062	293	4 3	20 7
12	283.5	19 19 3.065	−895	+ 1	109 30 21.5	57 12.8	−67	1.016 5769	337	4 4	20 6
13	284.5	19 22 59.622	893	− 4	110 27 34.3	57 13.5	−69	1.016 5432	384	4 5	20 6
14	285.5	19 26 56.179	892	− 7	111 24 47.8	57 14.0	−69	1.016 5048	436	4 6	20 5
15	286.5	19 30 52.735	891	− 9	112 22 1.8	57 14.7	−66	1.016 4612	489	4 7	20 4
16	287.5	19 34 49.292	890	− 7	113 19 16.5	57 15.3	−60	1.016 4123	545	4 8	20 3
17	288.5	19 38 45.848	889	− 4	114 16 31.8	57 15.9	−50	1.016 3578	603	4 9	20 2
18	289.5	19 42 42.405	−887	+ 1	115 13 47.7	57 16.5	−39	1.016 2975	663	4 10	20 1
19	290.5	19 46 38.961	886	+ 6	116 11 4.2	57 17.0	−27	1.016 2312	721	4 12	20 0
20	291.5	19 50 35.517	885	+10	117 8 21.2	57 17.5	−14	1.016 1591	781	4 13	19 59
21	292.5	19 54 32.073	885	+12	118 5 38.7	57 18.0	+ 1	1.016 0810	840	4 14	19 58
22	293.5	19 58 28.630	884	+12	119 2 56.7	57 18.6	+14	1.015 9970	898	4 15	19 57
23	294.5	20 2 25.186	−883	+10	120 0 15.3		+26	1.015 9072		4 17	19 55

Tag		Wochentag	0ʰ Welt-Zeit							
			Zeitgleichung Wahre Zeit *minus* Mittlere Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1944			m s	"	h m s	m s	° ' "	' "	s	' "
Juli	23	St	−6 19.21	1.81	8 8 44.39	3 58.38	+20 9 18.1	12 18.7	67.40	15 46.44
	24	Mo	6 21.02	1.23	8 12 42.77	3 57.78	19 56 59.4	12 38.7	67.32	15 46.53
	25	Di	6 22.25	0.62	8 16 40.55	3 57.17	19 44 20.7	12 58.3	67.24	15 46.63
	26	Mi	6 22.87	0.01	8 20 37.72	3 56.57	19 31 22.4	13 17.8	67.15	15 46.73
	27	Do	6 22.88	$\overline{0.61}$	8 24 34.29	3 55.95	19 18 4.6	13 36.9	67.07	15 46.84
	28	Fr	6 22.27	1.22	8 28 30.24	3 55.33	19 4 27.7	13 55.8	66.98	15 46.94
	29	Sa	−6 21.05	1.85	8 32 25.57	3 54.71	+18 50 31.9	14 14.3	66.89	15 47.05
	30	St	6 19.20	2.47	8 36 20.28	3 54.08	18 36 17.6	14 32.6	66.81	15 47.17
	31	Mo	6 16.73	3.10	8 40 14.36	3 53.46	18 21 45.0	14 50.6	66.72	15 47.29
Aug.	1	Di	6 13.63	3.71	8 44 7.82	3 52.84	18 6 54.4	15 8.4	66.63	15 47.42
	2	Mi	6 9.92	4.33	8 48 0.66	3 52.22	17 51 46.0	15 25.8	66.55	15 47.54
	3	Do	6 5.59	4.95	8 51 52.88	3 51.61	17 36 20.2	15 42.9	66.46	15 47.67
	4	Fr	−6 0.64	5.55	8 55 44.49	3 51.01	+17 20 37.3	15 59.7	66.37	15 47.80
	5	Sa	5 55.09	6.14	8 59 35.50	3 50.41	17 4 37.6	16 16.3	66.29	15 47.93
	6	St	5 48.95	6.73	9 3 25.91	3 49.82	16 48 21.3	16 32.7	66.20	15 48.07
	7	Mo	5 42.22	7.31	9 7 15.73	3 49.25	16 31 48.6	16 48.6	66.11	15 48.21
	8	Di	5 34.91	7.88	9 11 4.98	3 48.68	16 15 0.0	17 4.4	66.03	15 48.35
	9	Mi	5 27.03	8.44	9 14 53.66	3 48.11	15 57 55.6	17 19.8	65.94	15 48.50
	10	Do	−5 18.59	9.00	9 18 41.77	3 47.56	+15 40 35.8	17 34.9	65.86	15 48.65
	11	Fr	5 9.59	9.54	9 22 29.33	3 47.02	15 23 0.9	17 49.8	65.78	15 48.80
	12	Sa	5 0.05	10.08	9 26 16.35	3 46.47	15 5 11.1	18 4.2	65.70	15 48.95
	13	St	4 49.97	10.61	9 30 2.82	3 45.94	14 47 6.9	18 18.5	65.62	15 49.11
	14	Mo	4 39.36	11.14	9 33 48.76	3 45.41	14 28 48.4	18 32.4	65.54	15 49.28
	15	Di	4 28.22	11.67	9 37 34.17	3 44.89	14 10 16.0	18 46.1	65.46	15 49.44
	16	Mi	−4 16.55	12.19	9 41 19.06	3 44.37	+13 51 29.9	18 59.2	65.38	15 49.62
	17	Do	4 4.36	12.69	9 45 3.43	3 43.86	13 32 30.7	19 12.2	65.30	15 49.79
	18	Fr	3 51.67	13.19	9 48 47.29	3 43.36	13 13 18.5	19 24.8	65.23	15 49.97
	19	Sa	3 38.48	13.68	9 52 30.65	3 42.87	12 53 53.7	19 37.2	65.15	15 50.15
	20	St	3 24.80	14.17	9 56 13.52	3 42.39	12 34 16.5	19 49.1	65.08	15 50.35
	21	Mo	3 10.63	14.64	9 59 55.91	3 41.91	12 14 27.4	20 0.6	65.01	15 50.54
	22	Di	−2 55.99	15.11	10 3 37.82	3 41.44	+11 54 26.8	20 12.0	64.95	15 50.74
	23	Mi	2 40.88	15.56	10 7 19.26	3 41.00	11 34 14.8	20 23.0	64.88	15 50.94
	24	Do	2 25.32	16.01	10 11 0.26	3 40.55	11 13 51.8	20 33.6	64.82	15 51.15
	25	Fr	2 9.31	16.43	10 14 40.81	3 40.11	10 53 18.2	20 43.9	64.76	15 51.36
	26	Sa	1 52.88	16.85	10 18 20.92	3 39.71	10 32 34.3	20 53.8	64.70	15 51.57
	27	St	1 36.03	17.25	10 22 0.63	3 39.30	10 11 40.5	21 3.6	64.64	15 51.79
	28	Mo	−1 18.78	17.64	10 25 39.93	3 38.92	+ 9 50 36.9	21 12.8	64.58	15 52.01
	29	Di	1 1.14	18.01	10 29 18.85	3 38.54	9 29 24.1	21 21.8	64.53	15 52.23
	30	Mi	0 43.13	18.36	10 32 57.39	3 38.20	9 8 2.3	21 30.4	64.47	15 52.47
	31	Do	0 24.77	18.69	10 36 35.59	3 37.86	8 46 31.9	21 38.9	64.42	15 52.69
Sept.	1	Fr	−0 6.08	19.01	10 40 13.45	3 37.54	8 24 53.0	21 46.8	64.38	15 52.91
	2	Sa	+0 12.93		10 43 50.99		+ 8 3 6.2		64.34	15 53.14

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	Nutation in AR. kurzp. Gl.	Mittleres Äquinoktium 1944.0 Länge		Breite	R		Auf-gang	Unter-gang
										in {+50° Breite, 0h Länge}	
1944	2431	h m s	in 0.001 s		° ′ ″	′ ″	in 0.01 ″			h m	h m
Juli 23	294.5	20 2 25.186	−883	+10	120 0 15.3	57 18.9	+26	1.015 9072	953	4 17	19 55
24	295.5	20 6 21.742	882	+ 7	120 57 34.2	57 19.5	+37	1.015 8119	1008	4 18	19 54
25	296.5	20 10 18.298	882	+ 3	121 54 53.7	57 19.9	+45	1.015 7111	1060	4 19	19 53
26	297.5	20 14 14.854	881	− 3	122 52 13.6	57 20.4	+51	1.015 6051	1111	4 21	19 51
27	298.5	20 18 11.409	881	− 8	123 49 34.0	57 20.8	+55	1.015 4940	1160	4 22	19 50
28	299.5	20 22 7.965	881	−13	124 46 54.8	57 21.4	+56	1.015 3780	1204	4 23	19 49
29	300.5	20 26 4.521	−880	−15	125 44 16.2	57 21.9	+54	1.015 2576	1247	4 25	19 47
30	301.5	20 30 1.076	880	−16	126 41 38.1	57 22.4	+48	1.015 1329	1286	4 26	19 46
31	302.5	20 33 57.632	880	−14	127 39 0.5	57 23.0	+40	1.015 0043	1323	4 27	19 44
Aug. 1	303.5	20 37 54.187	880	− 9	128 36 23.5	57 23.7	+30	1.014 8720	1356	4 29	19 43
2	304.5	20 41 50.743	880	− 3	129 33 47.2	57 24.4	+19	1.014 7364	1386	4 30	19 41
3	305.5	20 45 47.298	880	+ 4	130 31 11.6	57 25.2	+ 5	1.014 5978	1414	4 32	19 40
4	306.5	20 49 43.853	−880	+ 9	131 28 36.8	57 26.2	− 8	1.014 4564	1439	4 33	19 38
5	307.5	20 53 40.408	881	+12	132 26 3.0	57 27.2	−21	1.014 3125	1466	4 35	19 36
6	308.5	20 57 36.963	881	+11	133 23 30.2	57 28.3	−32	1.014 1659	1491	4 36	19 35
7	309.5	21 1 33.518	881	+ 8	134 20 58.5	57 29.5	−43	1.014 0168	1519	4 37	19 33
8	310.5	21 5 30.073	882	+ 3	135 18 28.0	57 30.9	−51	1.013 8649	1549	4 39	19 31
9	311.5	21 9 26.628	882	− 2	136 15 58.9	57 32.3	−54	1.013 7100	1582	4 40	19 30
10	312.5	21 13 23.182	−883	− 6	137 13 31.2	57 33.7	−55	1.013 5518	1617	4 42	19 28
11	313.5	21 17 19.737	884	− 8	138 11 4.9	57 35.2	−53	1.013 3901	1655	4 43	19 26
12	314.5	21 21 16.291	885	− 7	139 8 40.1	57 36.6	−48	1.013 2246	1697	4 45	19 24
13	315.5	21 25 12.846	886	− 4	140 6 16.7	57 38.2	−38	1.013 0549	1740	4 46	19 22
14	316.5	21 29 9.400	887	0	141 3 54.9	57 39.6	−27	1.012 8809	1785	4 48	19 21
15	317.5	21 33 5.954	888	+ 5	142 1 34.5	57 41.0	−14	1.012 7024	1832	4 49	19 19
16	318.5	21 37 2.509	−889	+ 9	142 59 15.5	57 42.5	− 1	1.012 5192	1880	4 51	19 17
17	319.5	21 40 59.063	890	+12	143 56 58.0	57 43.9	+13	1.012 3312	1928	4 52	19 15
18	320.5	21 44 55.617	892	+13	144 54 41.9	57 45.3	+27	1.012 1384	1976	4 54	19 13
19	321.5	21 48 52.171	893	+12	145 52 27.2	57 46.7	+39	1.011 9408	2022	4 55	19 11
20	322.5	21 52 48.724	895	+ 9	146 50 13.9	57 48.0	+49	1.011 7386	2069	4 57	19 9
21	323.5	21 56 45.278	896	+ 4	147 48 1.9	57 49.2	+59	1.011 5317	2114	4 58	19 7
22	324.5	22 0 41.832	−898	− 1	148 45 51.1	57 50.6	+66	1.011 3203	2157	5 0	19 5
23	325.5	22 4 38.385	900	− 6	149 43 41.7	57 51.9	+71	1.011 1046	2198	5 1	19 3
24	326.5	22 8 34.939	902	−11	150 41 33.6	57 53.2	+72	1.010 8848	2236	5 3	19 1
25	327.5	22 12 31.592	904	−15	151 39 26.8	57 54.4	+70	1.010 6612	2274	5 4	18 59
26	328.5	22 16 28.046	905	−16	152 37 21.2	57 55.6	+67	1.010 4338	2307	5 6	18 57
27	329.5	22 20 24.599	907	−15	153 35 16.8	57 57.0	+60	1.010 2031	2337	5 7	18 55
28	330.5	22 24 21.152	−910	−12	154 33 13.8	57 58.2	+51	1.009 9694	2363	5 9	18 53
29	331.5	22 28 17.706	912	− 6	155 31 12.0	57 59.6	+39	1.009 7331	2387	5 10	18 51
30	332.5	22 32 14.259	914	+ 1	156 29 11.6	58 0.9	+28	1.009 4944	2405	5 12	18 49
31	333.5	22 36 10.812	916	+ 6	157 27 12.5	58 2.4	+15	1.009 2539	2422	5 13	18 47
Sept. 1	334.5	22 40 7.365	919	+10	158 25 14.9	58 3.9	+ 2	1.009 0117	2434	5 15	18 44
2	335.5	22 44 3.918	−921	+11	159 23 18.8		−11	1.008 7683		5 16	18 42

Tag	Wochentag	0h Welt-Zeit: Zeitgleichung (Wahre Zeit *minus* Mittlere Zeit)		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1944		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Sept. 2	Sa	+ 0 12.93	19.29	10 43 50.99	3 37.26	+8 3 6.2	21 54.6	64.34	15 53.14
3	St	0 32.22	19.57	10 47 28.25	3 36.99	7 41 11.6	22 2.0	64.30	15 53.38
4	Mo	0 51.79	19.80	10 51 5.24	3 36.74	7 19 9.6	22 9.2	64.26	15 53.61
5	Di	1 11.59	20.03	10 54 41.98	3 36.52	6 57 0.4	22 16.0	64.22	15 53.84
6	Mi	1 31.62	20.24	10 58 18.50	3 36.32	6 34 44.4	22 22.5	64.18	15 54.07
7	Do	1 51.86	20.41	11 1 54.82	3 36.14	6 12 21.9	22 28.8	64.15	15 54.31
8	Fr	+ 2 12.27	20.57	11 5 30.96	3 35.99	+5 49 53.1	22 34.8	64.13	15 54.55
9	Sa	2 32.84	20.71	11 9 6.95	3 35.84	5 27 18.3	22 40.3	64.10	15 54.79
10	St	2 53.55	20.84	11 12 42.79	3 35.72	5 4 38.0	22 45.6	64.08	15 55.02
11	Mo	3 14.39	20.94	11 16 18.51	3 35.61	4 41 52.4	22 50.6	64.06	15 55.26
12	Di	3 35.33	21.03	11 19 54.12	3 35.52	4 19 1.8	22 55.2	64.04	15 55.51
13	Mi	3 56.36	21.10	11 23 29.64	3 35.45	3 56 6.6	22 59.5	64.02	15 55.76
14	Do	+ 4 17.46	21.15	11 27 5.09	3 35.40	+3 33 7.1	23 3.3	64.02	15 56.01
15	Fr	4 38.61	21.19	11 30 40.49	3 35.36	3 10 3.8	23 7.0	64.01	15 56.27
16	Sa	4 59.80	21.21	11 34 15.85	3 35.34	2 46 56.8	23 10.3	64.01	15 56.52
17	St	5 21.01	21.22	11 37 51.19	3 35.34	2 23 46.5	23 13.1	64.01	15 56.78
18	Mo	5 42.23	21.20	11 41 26.53	3 35.35	2 0 33.4	23 15.7	64.01	15 57.04
19	Di	6 3.43	21.17	11 45 1.88	3 35.38	1 37 17.7	23 17.9	64.01	15 57.30
20	Mi	+ 6 24.60	21.12	11 48 37.26	3 35.43	+1 13 59.8	23 19.7	64.02	15 57.57
21	Do	6 45.72	21.06	11 52 12.69	3 35.50	0 50 40.1	23 21.3	64.03	15 57.84
22	Fr	7 6.78	20.97	11 55 48.19	3 35.58	0 27 18.8	23 22.3	64.04	15 58.11
23	Sa	7 27.75	20.87	11 59 23.77	3 35.68	+0 3 56.5	23 23.1	64.06	15 58.38
24	St	7 48.62	20.75	12 2 59.45	3 35.80	−0 19 26.6	23 23.6	64.08	15 58.66
25	Mo	8 9.37	20.61	12 6 35.25	3 35.94	0 42 50.2	23 23.6	64.10	15 58.94
26	Di	+ 8 29.98	20.45	12 10 11.19	3 36.11	−1 6 13.8	23 23.3	64.13	15 59.22
27	Mi	8 50.43	20.26	12 13 47.30	3 36.29	1 29 37.1	23 22.7	64.16	15 59.50
28	Do	9 10.69	20.07	12 17 23.59	3 36.49	1 52 59.8	23 21.6	64.19	15 59.77
29	Fr	9 30.76	19.83	12 21 0.08	3 36.71	2 16 21.4	23 20.3	64.22	16 0.05
30	Sa	9 50.59	19.59	12 24 36.79	3 36.97	2 39 41.7	23 18.7	64.25	16 0.33
Okt. 1	St	10 10.18	19.30	12 28 13.76	3 37.25	3 3 0.4	23 16.7	64.29	16 0.61
2	Mo	+10 29.48	19.01	12 31 51.01	3 37.54	−3 26 17.1	23 14.3	64.34	16 0.88
3	Di	10 48.49	18.68	12 35 28.55	3 37.87	3 49 31.4	23 11.7	64.39	16 1.16
4	Mi	11 7.17	18.33	12 39 6.42	3 38.23	4 12 43.1	23 8.7	64.44	16 1.44
5	Do	11 25.50	17.96	12 42 44.65	3 38.59	4 35 51.8	23 5.4	64.49	16 1.71
6	Fr	11 43.46	17.56	12 46 23.24	3 39.00	4 58 57.2	23 1.8	64.54	16 1.98
7	Sa	12 1.02	17.13	12 50 2.24	3 39.42	5 21 59.0	22 57.8	64.60	16 2.25
8	St	+12 18.15	16.70	12 53 41.66	3 39.85	−5 44 56.8	22 53.4	64.66	16 2.52
9	Mo	12 34.85	16.24	12 57 21.51	3 40.31	6 7 50.2	22 48.7	64.72	16 2.80
10	Di	12 51.09	15.76	13 1 1.82	3 40.79	6 30 38.9	22 43.6	64.79	16 3.07
11	Mi	13 6.85	15.27	13 4 42.61	3 41.29	6 53 22.5	22 38.2	64.86	16 3.34
12	Do	13 22.12	14.75	13 8 23.90	3 41.80	7 16 0.7	22 32.3	64.93	16 3.60
13	Fr	+13 36.87		13 12 5.70		−7 38 33.0		65.01	16 3.87

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	Nutation in AR. kurzp. Gl.	Mittleres Äquinoktium 1944.0 Länge		Breite	R		Auf-gang	Unter-gang
	0ʰ Welt-Zeit									in {+50° Breite, 0ʰ Länge}	
1944	2431	h m s	s in 0.001		° ′ ″	′ ″	″ in 0.01			h m	h m
Sept. 2	335.5	22 44 3.918	− 921	+11	159 23 18.8	58 5.4	−11	1.008 7683	2445	5 16	18 42
3	336.5	22 48 0.471	924	+ 9	160 21 24.2	58 7.2	−21	1.008 5238	2454	5 18	18 40
4	337.5	22 51 57.023	926	+ 4	161 19 31.4	58 9.0	−29	1.008 2784	2463	5 19	18 38
5	338.5	22 55 53.576	929	− 1	162 17 40.4	58 10.9	−34	1.008 0321	2472	5 21	18 36
6	339.5	22 59 50.129	931	− 5	163 15 51.3	58 12.9	−36	1.007 7849	2485	5 22	18 34
7	340.5	23 3 46.682	934	− 8	164 14 4.2	58 14.9	−34	1.007 5364	2500	5 24	18 32
8	341.5	23 7 43.234	− 937	− 8	165 12 19.1	58 17.0	−30	1.007 2864	2517	5 25	18 29
9	342.5	23 11 39.787	939	− 5	166 10 36.1	58 19.1	−22	1.007 0347	2536	5 27	18 27
10	343.5	23 15 36.339	942	− 1	167 8 55.2	58 21.2	−12	1.006 7811	2558	5 28	18 25
11	344.5	23 19 32.892	945	+ 4	168 7 16.4	58 23.3	0	1.006 5253	2583	5 29	18 23
12	345.5	23 23 29.444	948	+ 9	169 5 39.7	58 25.3	+12	1.006 2670	2608	5 31	18 21
13	346.5	23 27 25.997	951	+12	170 4 5.0	58 27.5	+25	1.006 0062	2635	5 32	18 18
14	347.5	23 31 22.549	− 954	+14	171 2 32.5	58 29.5	+37	1.005 7427	2662	5 34	18 16
15	348.5	23 35 19.102	957	+13	172 1 2.0	58 31.5	+49	1.005 4765	2690	5 35	18 14
16	349.5	23 39 15.654	960	+10	172 59 33.5	58 33.4	+60	1.005 2075	2718	5 37	18 12
17	350.5	23 43 12.206	963	+ 6	173 58 6.9	58 35.4	+70	1.004 9357	2745	5 38	18 10
18	351.5	23 47 8.759	966	+ 1	174 56 42.3	58 37.3	+78	1.004 6612	2772	5 40	18 7
19	352.5	23 51 5.311	969	− 4	175 55 19.6	58 39.2	+82	1.004 3840	2797	5 41	18 5
20	353.5	23 55 1.863	− 972	− 9	176 53 58.8	58 41.0	+84	1.004 1043	2820	5 43	18 3
21	354.5	23 58 58.416	975	−13	177 52 39.8	58 42.8	+82	1.003 8223	2842	5 44	18 1
22	355.5	0 2 54.968	978	−15	178 51 22.6	58 44.6	+79	1.003 5381	2862	5 46	17 59
23	356.5	0 6 51.520	981	−15	179 50 7.2	58 46.3	+73	1.003 2519	2878	5 47	17 56
24	357.5	0 10 48.073	984	−12	180 48 53.5	58 48.0	+64	1.002 9641	2892	5 49	17 54
25	358.5	0 14 44.625	987	− 8	181 47 41.5	58 49.7	+54	1.002 6749	2903	5 51	17 52
26	359.5	0 18 41.177	− 990	− 2	182 46 31.2	58 51.5	+41	1.002 3846	2909	5 52	17 50
27	360.5	0 22 37.730	993	+ 4	183 45 22.7	58 53.1	+29	1.002 0937	2911	5 54	17 48
28	361.5	0 26 34.282	996	+ 8	184 44 15.8	58 54.9	+16	1.001 8026	2909	5 55	17 45
29	362.5	0 30 30.834	999	+10	185 43 10.7	58 56.7	+ 3	1.001 5117	2904	5 57	17 43
30	363.5	0 34 27.387	1002	+ 9	186 42 7.4	58 58.5	− 7	1.001 2213	2894	5 58	17 41
Okt. 1	364.5	0 38 23.939	1005	+ 5	187 41 5.9	59 0.5	−15	1.000 9319	2883	6 0	17 39
2	365.5	0 42 20.491	−1008	0	188 40 6.4	59 2.4	−20	1.000 6436	2869	6 1	17 37
3	366.5	0 46 17.044	1011	− 5	189 39 8.8	59 4.6	−22	1.000 3567	2857	6 3	17 35
4	367.5	0 50 13.596	1014	− 9	190 38 13.4	59 6.8	−21	1.000 0710	2843	6 4	17 32
5	368.5	0 54 10.149	1017	− 9	191 37 20.2	59 9.0	−16	0.999 7867	2831	6 6	17 30
6	369.5	0 58 6.701	1020	− 7	192 36 29.2	59 11.3	− 9	0.999 5036	2821	6 7	17 28
7	370.5	1 2 3.254	1022	− 3	193 35 40.5	59 13.6	− 1	0.999 2215	2813	6 9	17 26
8	371.5	1 5 59.807	−1025	+ 3	194 34 54.1	59 15.9	+11	0.998 9402	2808	6 10	17 24
9	372.5	1 9 56.359	1028	+ 8	195 34 10.0	59 18.3	+24	0.998 6594	2805	6 12	17 22
10	373.5	1 13 52.912	1030	+12	196 33 28.3	59 20.6	+37	0.998 3789	2804	6 14	17 20
11	374.5	1 17 49.465	1033	+15	197 32 48.9	59 22.9	+50	0.998 0985	2805	6 15	17 18
12	375.5	1 21 46.018	1036	+14	198 32 11.8	59 25.2	+62	0.997 8180	2805	6 17	17 15
13	376.5	1 25 42.571	−1038	+12	199 31 37.0		+73	0.997 5375		6 18	17 13

Tag		Wochentag	0ʰ Welt-Zeit: Zeitgleichung (Wahre Zeit *minus* Mittlere Zeit)		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1944			m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Okt.	13	Fr	+13 36.87	14.23	13 12 5.70	3 42.32	− 7 38 33.0	22 26.1	65.01	16 3.87
	14	Sa	13 51.10	13.69	13 15 48.02	3 42.87	8 0 59.1	22 19.4	65.08	16 4.14
	15	St	14 4.79	13.12	13 19 30.89	3 43.43	8 23 18.5	22 12.4	65.16	16 4.41
	16	Mo	14 17.91	12.55	13 23 14.32	3 44.00	8 45 30.9	22 5.1	65.25	16 4.69
	17	Di	14 30.46	11.96	13 26 58.32	3 44.59	9 7 36.0	21 57.2	65.33	16 4.96
	18	Mi	14 42.42	11.36	13 30 42.91	3 45.19	9 29 33.2	21 49.0	65.42	16 5.24
	19	Do	+14 53.78	10.75	13 34 28.10	3 45.81	− 9 51 22.2	21 40.3	65.51	16 5.52
	20	Fr	15 4.53	10.11	13 38 13.91	3 46.44	10 13 2.5	21 31.3	65.60	16 5.79
	21	Sa	15 14.64	9.47	13 42 0.35	3 47.09	10 34 33.8	21 21.9	65.70	16 6.06
	22	St	15 24.11	8.82	13 45 47.44	3 47.73	10 55 55.7	21 12.0	65.79	16 6.33
	23	Mo	15 32.93	8.15	13 49 35.17	3 48.40	11 17 7.7	21 1.7	65.89	16 6.60
	24	Di	15 41.08	7.47	13 53 23.57	3 49.09	11 38 9.4	20 51.0	65.99	16 6.88
	25	Mi	+15 48.55	6.78	13 57 12.66	3 49.78	−11 59 0.4	20 40.0	66.09	16 7.15
	26	Do	15 55.33	6.07	14 1 2.44	3 50.48	12 19 40.4	20 28.4	66.20	16 7.41
	27	Fr	16 1.40	5.34	14 4 52.92	3 51.21	12 40 8.8	20 16.5	66.30	16 7.68
	28	Sa	16 6.74	4.61	14 8 44.13	3 51.94	13 0 25.3	20 4.3	66.41	16 7.95
	29	St	16 11.35	3.86	14 12 36.07	3 52.70	13 20 29.6	19 51.6	66.52	16 8.21
	30	Mo	16 15.21	3.09	14 16 28.77	3 53.46	13 40 21.2	19 38.5	66.63	16 8.47
	31	Di	+16 18.30	2.31	14 20 22.23	3 54.25	−13 59 59.7	19 25.0	66.74	16 8.73
Nov.	1	Mi	16 20.61	1.52	14 24 16.48	3 55.04	14 19 24.7	19 11.3	66.86	16 8.98
	2	Do	16 22.13	0.70	14 28 11.52	3 55.85	14 38 36.0	18 57.1	66.97	16 9.22
	3	Fr	16 22.83	0.12	14 32 7.37	3 56.68	14 57 33.1	18 42.5	67.08	16 9.47
	4	Sa	16 22.71	0.96	14 36 4.05	3 57.51	15 16 15.6	18 27.5	67.20	16 9.71
	5	St	16 21.75	1.80	14 40 1.56	3 58.36	15 34 43.1	18 12.2	67.32	16 9.96
	6	Mo	+16 19.95	2.65	14 43 59.92	3 59.20	−15 52 55.3	17 56.4	67.43	16 10.19
	7	Di	16 17.30	3.51	14 47 59.12	4 0.06	16 10 51.7	17 40.3	67.55	16 10.42
	8	Mi	16 13.79	4.36	14 51 59.18	4 0.92	16 28 32.0	17 23.7	67.67	16 10.65
	9	Do	16 9.43	5.23	14 56 0.10	4 1.79	16 45 55.7	17 6.8	67.79	16 10.88
	10	Fr	16 4.20	6.09	15 0 1.89	4 2.64	17 3 2.5	16 49.4	67.91	16 11.10
	11	Sa	15 58.11	6.96	15 4 4.53	4 3.51	17 19 51.9	16 31.6	68.03	16 11.33
	12	St	+15 51.15	7.81	15 8 8.04	4 4.37	−17 36 23.5	16 13.4	68.15	16 11.55
	13	Mo	15 43.34	8.67	15 12 12.41	4 5.23	17 52 36.9	15 54.8	68.27	16 11.77
	14	Di	15 34.67	9.53	15 16 17.64	4 6.09	18 8 31.7	15 35.9	68.39	16 11.99
	15	Mi	15 25.14	10.38	15 20 23.73	4 6.93	18 24 7.6	15 16.4	68.51	16 12.20
	16	Do	15 14.76	11.22	15 24 30.66	4 7.78	18 39 24.0	14 56.6	68.63	16 12.41
	17	Fr	15 3.54	12.05	15 28 38.44	4 8.61	18 54 20.6	14 36.4	68.74	16 12.63
	18	Sa	+14 51.49	12.88	15 32 47.05	4 9.43	−19 8 57.0	14 15.8	68.86	16 12.83
	19	St	14 38.61	13.69	15 36 56.48	4 10.24	19 23 12.8	13 54.8	68.97	16 13.04
	20	Mo	14 24.92	14.48	15 41 6.72	4 11.04	19 37 7.6	13 33.4	69.09	16 13.25
	21	Di	14 10.44	15.28	15 45 17.76	4 11.83	19 50 41.0	13 11.6	69.20	16 13.44
	22	Mi	13 55.16	16.05	15 49 29.59	4 12.61	20 3 52.6	12 49.5	69.31	16 13.64
	23	Do	+13 39.11		15 53 42.20		−20 16 42.1		69.42	16 13.84

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	Nutation in AR. kurzp. Gl.	Mittleres Äquinoktium 1944.0 Länge		Breite	*R*		Auf-gang	Unter-gang
		0h Welt-Zeit								in {+50° Breite, 0h Länge	
1944	2431	h m s	s in 0.001		° ′ ″	′ ″	″ in 0.01			h m	h m
Okt. 13	376.5	1 25 42.571	−1038	+12	199 31 37.0	59 27.4	+ 73	0.997 5375	2807	6 18	17 13
14	377.5	1 29 39.124	1040	+ 8	200 31 4.4	59 29.5	+ 83	0.997 2568	2810	6 20	17 11
15	378.5	1 33 35.677	1043	+ 3	201 30 33.9	59 31.7	+ 89	0.996 9758	2813	6 22	17 9
16	379.5	1 37 32.230	1045	− 2	202 30 5.6	59 33.8	+ 94	0.996 6945	2816	6 23	17 7
17	380.5	1 41 28.783	1047	− 7	203 29 39.4	59 35.9	+ 96	0.996 4129	2818	6 25	17 5
18	381.5	1 45 25.336	1049	−11	204 29 15.3	59 37.8	+ 95	0.996 1311	2820	6 26	17 3
19	382.5	1 49 21.889	−1051	−14	205 28 53.1	59 39.7	+ 92	0.995 8491	2820	6 28	17 1
20	383.5	1 53 18.443	1053	−14	206 28 32.8	59 41.6	+ 85	0.995 5671	2819	6 30	16 59
21	384.5	1 57 14.996	1055	−13	207 28 14.4	59 43.4	+ 77	0.995 2852	2815	6 31	16 57
22	385.5	2 1 11.550	1057	− 9	208 27 57.8	59 45.1	+ 67	0.995 0037	2808	6 33	16 55
23	386.5	2 5 8.103	1059	− 3	209 27 42.9	59 46.9	+ 55	0.994 7229	2800	6 35	16 54
24	387.5	2 9 4.657	1060	+ 2	210 27 29.8	59 48.5	+ 43	0.994 4429	2786	6 36	16 52
25	388.5	2 13 1.211	−1062	+ 7	211 27 18.3	59 50.2	+ 29	0.994 1643	2769	6 38	16 50
26	389.5	2 16 57.765	1064	+ 9	212 27 8.5	59 51.8	+ 17	0.993 8874	2748	6 40	16 48
27	390.5	2 20 54.319	1065	+ 9	213 27 0.3	59 53.5	+ 7	0.993 6126	2723	6 41	16 46
28	391.5	2 24 50.873	1066	+ 6	214 26 53.8	59 55.2	− 2	0.993 3403	2694	6 43	16 44
29	392.5	2 28 47.427	1067	+ 1	215 26 49.0	59 56.9	− 8	0.993 0709	2660	6 44	16 42
30	393.5	2 32 43.981	1069	− 4	216 26 45.9	59 58.6	− 11	0.992 8049	2626	6 46	16 41
31	394.5	2 36 40.535	−1070	− 9	217 26 44.5	60 0.4	− 11	0.992 5423	2589	6 48	16 39
Nov. 1	395.5	2 40 37.090	1071	−10	218 26 44.9	60 2.4	− 7	0.992 2834	2551	6 49	16 37
2	396.5	2 44 33.644	1071	− 9	219 26 47.3	60 4.3	− 1	0.992 0283	2513	6 51	16 35
3	397.5	2 48 30.199	1072	− 5	220 26 51.6	60 6.4	+ 8	0.991 7770	2476	6 53	16 34
4	398.5	2 52 26.754	1073	0	221 26 58.0	60 8.4	+ 19	0.991 5294	2441	6 54	16 32
5	399.5	2 56 23.309	1073	+ 6	222 27 6.4	60 10.4	+ 32	0.991 2853	2409	6 56	16 31
6	400.5	3 0 19.864	−1074	+11	223 27 16.8	60 12.5	+ 45	0.991 0444	2377	6 58	16 29
7	401.5	3 4 16.419	1074	+14	224 27 29.3	60 14.5	+ 58	0.990 8067	2349	7 0	16 28
8	402.5	3 8 12.974	1074	+15	225 27 43.8	60 16.6	+ 71	0.990 5718	2322	7 1	16 26
9	403.5	3 12 9.529	1074	+13	226 28 0.4	60 18.6	+ 82	0.990 3396	2296	7 3	16 25
10	404.5	3 16 6.084	1075	+10	227 28 19.0	60 20.5	+ 91	0.990 1100	2272	7 4	16 23
11	405.5	3 20 2.640	1074	+ 5	228 28 39.5	60 22.4	+ 98	0.989 8828	2250	7 6	16 22
12	406.5	3 23 59.195	−1074	0	229 29 1.9	60 24.2	+103	0.989 6578	2228	7 8	16 20
13	407.5	3 27 55.751	1074	− 6	230 29 26.1	60 26.1	+104	0.989 4350	2206	7 9	16 19
14	408.5	3 31 52.307	1074	−10	231 29 52.2	60 27.8	+103	0.989 2144	2185	7 11	16 17
15	409.5	3 35 48.862	1073	−13	232 30 20.0	60 29.4	+ 99	0.988 9959	2165	7 13	16 16
16	410.5	3 39 45.418	1073	−14	233 30 49.4	60 31.0	+ 93	0.988 7794	2145	7 14	16 15
17	411.5	3 43 41.974	1073	−12	234 31 20.4	60 32.5	+ 84	0.988 5649	2123	7 16	16 14
18	412.5	3 47 38.530	−1072	− 9	235 31 52.9	60 33.9	+ 74	0.988 3526	2101	7 17	16 12
19	413.5	3 51 35.087	1071	− 4	236 32 26.8	60 35.3	+ 61	0.988 1425	2076	7 19	16 11
20	414.5	3 55 31.643	1070	+ 1	237 33 2.1	60 36.6	+ 48	0.987 9349	2050	7 21	16 10
21	415.5	3 59 28.199	1068	+ 6	238 33 38.7	60 37.7	+ 34	0.987 7299	2019	7 22	16 9
22	416.5	4 3 24.756	1067	+ 9	239 34 16.4	60 38.8	+ 20	0.987 5280	1986	7 24	16 8
23	417.5	4 7 21.312	−1066	+10	240 34 55.2		+ 8	0.987 3294		7 25	16 7

Tag	Wochentag	0h Welt-Zeit: Zeitgleichung (Wahre Zeit *minus* Mittlere Zeit)		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1944		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Nov. 23	Do	+13 39.11	16.81	15 53 42.20	4 13.37	−20 16 42.1	12 27.1	69.42	16 13.84
24	Fr	13 22.30	17.57	15 57 55.57	4 14.13	20 29 9.2	12 4.2	69.53	16 14.04
25	Sa	13 4.73	18.31	16 2 9.70	4 14.86	20 41 13.4	11 41.0	69.63	16 14.22
26	St	12 46.42	19.03	16 6 24.56	4 15.58	20 52 54.4	11 17.5	69.73	16 14.41
27	Mo	12 27.39	19.73	16 10 40.14	4 16.30	21 4 11.9	10 53.7	69.83	16 14.58
28	Di	12 7.66	20.44	16 14 56.44	4 17.00	21 15 5.6	10 29.6	69.93	16 14.76
29	Mi	+11 47.22	21.13	16 19 13.44	4 17.68	−21 25 35.2	10 5.2	70.03	16 14.92
30	Do	11 26.09	21.80	16 23 31.12	4 18.35	21 35 40.4	9 40.5	70.12	16 15.09
Dez. 1	Fr	11 4.29	22.45	16 27 49.47	4 19.01	21 45 20.9	9 15.6	70.21	16 15.25
2	Sa	10 41.84	23.10	16 32 8.48	4 19.66	21 54 36.5	8 50.3	70.30	16 15.40
3	St	10 18.74	23.71	16 36 28.14	4 20.27	22 3 26.8	8 24.9	70.38	16 15.55
4	Mo	9 55.03	24.31	16 40 48.41	4 20.87	22 11 51.7	7 59.2	70.46	16 15.69
5	Di	+ 9 30.72	24.89	16 45 9.28	4 21.45	−22 19 50.9	7 33.2	70.54	16 15.82
6	Mi	9 5.83	25.44	16 49 30.73	4 22.00	22 27 24.1	7 7.0	70.62	16 15.95
7	Do	8 40.39	25.97	16 53 52.73	4 22.52	22 34 31.1	6 40.6	70.69	16 16.08
8	Fr	8 14.42	26.47	16 58 15.25	4 23.03	22 41 11.7	6 13.8	70.76	16 16.20
9	Sa	7 47.95	26.93	17 2 38.28	4 23.49	22 47 25.5	5 47.0	70.82	16 16.32
10	St	7 21.02	27.38	17 7 1.77	4 23.94	22 53 12.5	5 20.0	70.88	16 16.43
11	Mo	+ 6 53.64	27.79	17 11 25.71	4 24.34	−22 58 32.5	4 52.8	70.94	16 16.54
12	Di	6 25.85	28.16	17 15 50.05	4 24.72	23 3 25.3	4 25.3	70.99	16 16.65
13	Mi	5 57.69	28.50	17 20 14.77	4 25.06	23 7 50.6	3 57.8	71.03	16 16.75
14	Do	5 29.19	28.81	17 24 39.83	4 25.37	23 11 48.4	3 30.1	71.07	16 16.85
15	Fr	5 0.38	29.09	17 29 5.20	4 25.64	23 15 18.5	3 2.2	71.11	16 16.94
16	Sa	4 31.29	29.31	17 33 30.84	4 25.87	23 18 20.7	2 34.3	71.15	16 17.03
17	St	+ 4 1.98	29.51	17 37 56.71	4 26.07	−23 20 55.0	2 6.3	71.18	16 17.12
18	Mo	3 32.47	29.67	17 42 22.78	4 26.22	23 23 1.3	1 38.1	71.20	16 17.20
19	Di	3 2.80	29.78	17 46 49.00	4 26.35	23 24 39.4	1 9.9	71.22	16 17.28
20	Mi	2 33.02	29.87	17 51 15.35	4 26.42	23 25 49.3	0 41.6	71.24	16 17.36
21	Do	2 3.15	29.91	17 55 41.77	4 26.47	23 26 30.9	0 13.4	71.25	16 17.43
22	Fr	1 33.24	29.92	18 0 8.24	4 26.48	23 26 44.3	0 15.0	71.26	16 17.50
23	Sa	+ 1 3.32	29.90	18 4 34.72	4 26.45	−23 26 29.3	0 43.2	71.26	16 17.56
24	St	0 33.42	29.83	18 9 1.17	4 26.40	23 25 46.1	1 11.6	71.25	16 17.62
25	Mo	+ 0 3.59	29.74	18 13 27.57	4 26.30	23 24 34.5	1 39.8	71.24	16 17.68
26	Di	− 0 26.15	29.62	18 17 53.87	4 26.17	23 22 54.7	2 7.9	71.23	16 17.72
27	Mi	0 55.77	29.47	18 22 20.04	4 26.03	23 20 46.8	2 36.2	71.22	16 17.76
28	Do	1 25.24	29.29	18 26 46.07	4 25.84	23 18 10.6	3 4.1	71.20	16 17.80
29	Fr	− 1 54.53	29.08	18 31 11.91	4 25.64	−23 15 6.5	3 32.1	71.17	16 17.83
30	Sa	2 23.61	28.84	18 35 37.55	4 25.40	23 11 34.4	4 0.0	71.14	16 17.85
31	St	2 52.45	28.57	18 40 2.95	4 25.13	23 7 34.4	4 27.7	71.10	16 17.86
32	Mo	− 3 21.02		18 44 28.08		−23 3 6.7		71.06	16 17.87

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	Nutation in AR. kurzp. Gl.	Mittleres Äquinoktium 1944.0 Länge		Mittleres Äquinoktium 1944.0 Breite	*R*		Auf-gang in {+50° Breite, 0h Länge}	Unter-gang in {+50° Breite, 0h Länge}
1944	2431	h m s	s in 0.001		° ′ ″	′ ″	″ in 0.01			h m	h m
Nov. 23	417.5	4 7 21.312	−1066	+10	240 34 55.2	60 39.9	+ 8	0.987 3294	1950	7 25	16 7
24	418.5	4 11 17.869	1065	+ 7	241 35 35.1	60 41.0	− 2	0.987 1344	1908	7 27	16 6
25	419.5	4 15 14.426	1064	+ 3	242 36 16.1	60 42.1	− 8	0.986 9436	1863	7 28	16 6
26	420.5	4 19 10.982	1062	− 3	243 36 58.2	60 43.1	− 12	0.986 7573	1814	7 30	16 5
27	421.5	4 23 7.539	1061	− 8	244 37 41.3	60 44.2	− 13	0.986 5759	1763	7 31	16 4
28	422.5	4 27 4.096	1059	−11	245 38 25.5	60 45.3	− 10	0.986 3996	1709	7 33	16 3
29	423.5	4 31 0.653	−1057	−11	246 39 10.8	60 46.4	− 4	0.986 2287	1652	7 34	16 3
30	424.5	4 34 57.210	1056	− 8	247 39 57.2	60 47.6	+ 5	0.986 0635	1595	7 35	16 2
Dez. 1	425.5	4 38 53.768	1054	− 3	248 40 44.8	60 48.9	+ 16	0.985 9040	1538	7 37	16 1
2	426.5	4 42 50.325	1052	+ 3	249 41 33.7	60 50.1	+ 28	0.985 7502	1482	7 38	16 1
3	427.5	4 46 46.882	1050	+ 9	250 42 23.8	60 51.4	+ 40	0.985 6020	1428	7 39	16 0
4	428.5	4 50 43.440	1048	+13	251 43 15.2	60 52.7	+ 54	0.985 4592	1375	7 41	16 0
5	429.5	4 54 39.997	−1046	+15	252 44 7.9	60 54.0	+ 66	0.985 3217	1325	7 42	15 59
6	430.5	4 58 36.555	1044	+14	253 45 1.9	60 55.3	+ 76	0.985 1892	1276	7 43	15 59
7	431.5	5 2 33.112	1041	+11	254 45 57.2	60 56.5	+ 86	0.985 0616	1229	7 44	15 59
8	432.5	5 6 29.670	1039	+ 7	255 46 53.7	60 57.7	+ 93	0.984 9387	1184	7 45	15 59
9	433.5	5 10 26.228	1037	+ 1	256 47 51.4	60 58.9	+ 98	0.984 8203	1142	7 46	15 58
10	434.5	5 14 22.785	1034	− 4	257 48 50.3	61 0.0	+100	0.984 7061	1101	7 47	15 58
11	435.5	5 18 19.343	−1032	− 9	258 49 50.3	61 1.0	+ 99	0.984 5960	1060	7 48	15 58
12	436.5	5 22 15.901	1030	−12	259 50 51.3	61 2.0	+ 96	0.984 4900	1023	7 49	15 58
13	437.5	5 26 12.459	1027	−14	260 51 53.3	61 3.0	+ 89	0.984 3877	986	7 50	15 58
14	438.5	5 30 9.016	1025	−13	261 52 56.3	61 3.8	+ 80	0.984 2891	951	7 51	15 58
15	439.5	5 34 5.574	1022	−10	262 54 0.1	61 4.5	+ 69	0.984 1940	916	7 52	15 58
16	440.5	5 38 2.132	1020	− 5	263 55 4.6	61 5.1	+ 56	0.984 1024	881	7 53	15 59
17	441.5	5 41 58.690	−1017	0	264 56 9.7	61 5.7	+ 42	0.984 0143	847	7 54	15 59
18	442.5	5 45 55.248	1014	+ 6	265 57 15.4	61 6.2	+ 28	0.983 9296	809	7 54	15 59
19	443.5	5 49 51.806	1012	+ 9	266 58 21.6	61 6.5	+ 14	0.983 8487	771	7 55	15 59
20	444.5	5 53 48.364	1009	+11	267 59 28.1	61 6.7	+ 1	0.983 7716	729	7 55	16 0
21	445.5	5 57 44.922	1007	+ 9	269 0 34.8	61 6.9	− 9	0.983 6987	685	7 56	16 0
22	446.5	6 1 41.480	1004	+ 5	270 1 41.7	61 7.1	− 17	0.983 6302	638	7 57	16 1
23	447.5	6 5 38.038	−1001	0	271 2 48.8	61 7.1	− 23	0.983 5664	585	7 57	16 1
24	448.5	6 9 34.596	999	− 6	272 3 55.9	61 7.2	− 25	0.983 5079	531	7 57	16 2
25	449.5	6 13 31.154	996	− 9	273 5 3.1	61 7.3	− 23	0.983 4548	473	7 58	16 3
26	450.5	6 17 27.712	993	−11	274 6 10.4	61 7.3	− 18	0.983 4075	412	7 58	16 3
27	451.5	6 21 24.270	991	− 9	275 7 17.7	61 7.4	− 11	0.983 3663	350	7 58	16 4
28	452.5	6 25 20.828	988	− 5	276 8 25.1	61 7.6	0	0.983 3313	284	7 59	16 5
29	453.5	6 29 17.386	− 986	0	277 9 32.7	61 7.6	+ 12	0.983 3029	219	7 59	16 6
30	454.5	6 33 13.944	983	+ 6	278 10 40.3	61 7.9	+ 25	0.983 2810	155	7 59	16 7
31	455.5	6 37 10.502	981	+11	279 11 48.2	61 8.0	+ 38	0.983 2655	90	7 59	16 8
32	456.5	6 41 7.059	− 978	+14	280 12 56.2		+ 49	0.983 2565		7 59	16 9

0ʰ Welt-Zeit	Mittleres Äquinoktium 1944.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1944												
Jan. 0	+0.144 338	+17 279	− 47	−3	−0.892 357	+ 2 517	+279	+5	−0.387 020	+1 091	+121	+4
1	0.161 617	17 228	51	+3	0.889 840	2 794	277	+3	0.385 929	1 212	121	+4
2	0.178 845	17 170	58	−3	0.887 046	3 071	277	+4	0.384 717	1 331	119	−4
3	0.196 015	17 107	63	−3	0.883 975	3 345	274	−3	0.383 386	1 450	119	−2
4	0.213 122	17 040	67	0	0.880 630	3 618	273	−2	0.381 936	1 569	119	+2
5	0.230 162	16 966	74	−4	0.877 012	3 890	272	0	0.380 367	1 688	119	+5
6	+0.247 128	+16 889	− 77	+1	−0.873 122	+ 4 161	+271	+3	−0.378 679	+1 805	+117	−2
7	0.264 017	16 806	83	−3	0.868 961	4 430	269	−1	0.376 874	1 921	116	−5
8	0.280 823	16 718	88	−4	0.864 531	4 697	267	−1	0.374 953	2 038	117	+2
9	0.297 541	16 625	93	−2	0.859 834	4 964	267	+5	0.372 915	2 153	115	0
10	0.314 166	16 529	96	+4	0.854 870	5 228	264	+2	0.370 762	2 268	115	+3
11	0.330 695	16 426	103	−2	0.849 642	5 492	264	+4	0.368 494	2 383	115	+5
12	+0.347 121	+16 319	−107	−2	−0.844 150	+ 5 753	+261	−1	−0.366 111	+2 496	+113	−2
13	0.363 440	16 207	112	−3	0.838 397	6 013	260	0	0.363 615	2 608	112	−5
14	0.379 647	16 090	117	−2	0.832 384	6 271	258	−1	0.361 007	2 720	112	0
15	0.395 737	15 969	121	0	0.826 113	6 528	257	+1	0.358 287	2 832	112	+4
16	0.411 706	15 842	127	−4	0.819 585	6 782	254	0	0.355 455	2 942	110	+1
17	0.427 548	15 710	132	−5	0.812 803	7 036	254	+4	0.352 513	3 052	110	0
18	+0.443 258	+15 575	−135	+2	−0.805 767	+ 7 286	+250	−1	−0.349 461	+3 160	+108	−5
19	0.458 833	15 433	142	−4	0.798 481	7 535	249	+2	0.346 301	3 268	108	−3
20	0.474 266	15 287	146	−3	0.790 946	7 782	247	+4	0.343 033	3 374	106	−4
21	0.489 553	15 136	151	−2	0.783 164	8 027	245	+3	0.339 659	3 481	107	+4
22	0.504 689	14 980	156	−3	0.775 137	8 269	242	−2	0.336 178	3 586	105	+1
23	0.519 669	14 818	162	−5	0.766 868	8 508	239	−5	0.332 592	3 689	103	−2
24	+0.534 487	+14 653	−165	+2	−0.758 360	+ 8 745	+237	0	−0.328 903	+3 792	+103	+4
25	0.549 140	14 481	172	−4	0.749 615	8 980	235	+3	0.325 111	3 894	102	+5
26	0.563 621	14 305	176	0	0.740 635	9 210	230	−2	0.321 217	3 994	100	0
27	0.577 926	14 125	180	+4	0.731 425	9 438	228	0	0.317 223	4 092	98	−2
28	0.592 051	13 940	185	+1	0.721 987	9 662	224	−1	0.313 131	4 190	98	+4
29	0.605 991	13 750	190	−2	0.712 325	9 883	221	+1	0.308 941	4 286	96	+4
30	+0.619 741	+13 556	−194	−1	−0.702 442	+10 100	+217	−1	−0.304 655	+4 380	+ 94	+2
31	0.633 297	13 359	197	+4	0.692 342	10 314	214	0	0.300 275	4 473	93	+2
Febr. 1	0.646 656	13 158	201	+5	0.682 028	10 523	209	−3	0.295 802	4 564	91	+2
2	0.659 814	12 952	206	0	0.671 505	10 730	207	+2	0.291 238	4 654	90	+3
3	0.672 766	12 744	208	+5	0.660 775	10 933	203	+2	0.286 584	4 742	88	+1
4	0.685 510	12 532	212	+3	0.649 842	11 132	199	−1	0.281 842	4 829	87	−1
5	+0.698 042	+12 316	−216	−1	−0.638 710	+11 328	+196	+2	−0.277 013	+4 913	+ 84	−5
6	0.710 358	12 097	219	0	0.627 382	11 520	192	+2	0.272 100	4 997	84	0
7	0.722 455	11 875	222	0	0.615 862	11 709	189	+4	0.267 103	5 079	82	+1
8	0.734 330	11 649	226	−1	0.604 153	11 894	185	+3	0.262 024	5 159	80	−1
9	0.745 979	+11 420	229	+1	0.592 259	+12 076	182	+5	0.256 865	+5 238	79	+2
10	+0.757 399		−231	+5	−0.580 183		+178	+3	−0.251 627		+ 77	+1

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1944.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1944 Febr. 10	+0.757 399	+11 189	−231	+5	−0.580 183	+12 254	+178	+3	−0.251 627	+5 315	+77	+1
11	0.768 588	10 953	236	−2	0.567 929	12 428	174	0	0.246 312	5 391	76	+1
12	0.779 541	10 715	238	−1	0.555 501	12 599	171	+2	0.240 921	5 464	73	−1
13	0.790 256	10 473	242	−4	0.542 902	12 766	167	0	0.235 457	5 537	73	+4
14	0.800 729	10 228	245	−2	0.530 136	12 929	163	0	0.229 920	5 608	71	+3
15	0.810 957	9 981	247	+3	0.517 207	13 089	160	+5	0.224 312	5 677	69	0
16	+0.820 938	+9 730	−251	+1	−0.504 118	+13 245	+156	+4	−0.218 635	+5 744	+67	−3
17	0.830 668	9 477	253	+3	0.490 873	13 396	151	+1	0.212 891	5 809	65	−2
18	0.840 145	9 219	258	−4	0.477 477	13 545	149	+4	0.207 082	5 874	65	+5
19	0.849 364	8 959	260	−2	0.463 932	13 688	143	−2	0.201 208	5 936	62	+3
20	0.858 323	8 697	262	+3	0.450 244	13 827	139	−1	0.195 272	5 997	61	+2
21	0.867 020	8 430	267	−1	0.436 417	13 963	136	+4	0.189 275	6 055	58	−5
22	+0.875 450	+8 162	−268	+5	−0.422 454	+14 093	+130	+2	−0.183 220	+6 111	+56	−5
23	0.883 612	7 891	271	+5	0.408 361	14 219	126	+4	0.177 109	6 166	55	0
24	0.891 503	7 617	274	+3	0.394 142	14 341	122	+5	0.170 943	6 219	53	+2
25	0.899 120	7 341	276	+1	0.379 801	14 456	115	−3	0.164 724	6 269	50	0
26	0.906 461	7 062	279	−3	0.365 345	14 568	112	+1	0.158 455	6 318	49	+2
27	0.913 523	6 782	280	0	0.350 777	14 674	106	−3	0.152 137	6 364	46	−2
28	+0.920 305	+6 501	−281	+4	−0.336 103	+14 775	+101	−3	−0.145 773	+6 408	+44	−2
29	0.926 806	6 218	283	+2	0.321 328	14 872	97	−1	0.139 365	6 450	42	−1
März 1	0.933 024	5 933	285	−3	0.306 456	14 963	91	−2	0.132 915	6 490	40	+1
2	0.938 957	5 647	286	−3	0.291 493	15 051	88	+4	0.126 425	6 528	38	+2
3	0.944 604	5 360	287	0	0.276 442	15 133	82	+2	0.119 897	6 564	36	+1
4	0.949 964	5 073	287	+4	0.261 309	15 212	79	+4	0.113 333	6 598	34	−1
5	+0.955 037	+4 783	−290	−2	−0.246 097	+15 284	+ 72	−4	−0.106 735	+6 629	+31	−2
6	0.959 820	4 494	289	+2	0.230 813	15 353	69	−1	0.100 106	6 660	31	+3
7	0.964 314	4 203	291	−2	0.215 460	15 417	64	0	0.093 446	6 687	27	−3
8	0.968 517	3 911	292	−5	0.200 043	15 477	60	+3	0.086 759	6 713	26	−3
9	0.972 428	3 618	293	−5	0.184 566	15 533	56	+4	0.080 046	6 737	24	−2
10	0.976 046	3 325	293	−1	0.169 033	15 583	50	−2	0.073 309	6 759	22	0
11	+0.979 371	+3 031	−294	+2	−0.153 450	+15 630	+ 47	+1	−0.066 550	+6 779	+20	−1
12	0.982 402	2 737	294	+3	0.137 820	15 671	41	−4	0.059 771	6 797	18	−3
13	0.985 139	2 441	296	−1	0.122 149	15 709	38	0	0.052 974	6 813	16	−4
14	0.987 580	2 145	296	+1	0.106 440	15 742	33	−2	0.046 161	6 827	14	−4
15	0.989 725	1 849	296	+3	0.090 698	15 770	28	−2	0.039 334	6 839	12	−3
16	0.991 574	1 551	298	−2	0.074 928	15 794	24	+1	0.032 495	6 850	11	+2
17	+0.993 125	+1 254	−297	+4	−0.059 134	+15 814	+ 20	+1	−0.025 645	+6 857	+ 7	−3
18	0.994 379	955	299	+1	0.043 320	15 828	14	−4	0.018 788	6 864	7	+4
19	0.995 334	657	298	+5	0.027 492	15 838	10	−3	0.011 924	6 869	5	+5
20	0.995 991	358	299	+4	−0.011 654	15 842	4	−5	−0.005 055	6 870	+ 1	−4
21	0.996 349	+ 59	299	+1	+0.004 188	+15 843	+ 1	+4	+0.001 815	+6 870	0	−1
22	+0.996 408		−300	−4	+0.020 031		− 5	+2	+0.008 685		− 1	+4

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0ʰ Welt-Zeit	Mittleres Äquinoktium 1944.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1944												
März 22	+0.996 408	− 241	−300	−4	+0.020 031	+15 838	− 5	+2	+0.008 685	+6 869	− 1	+4
23	0.996 167	540	299	−3	0.035 869	15 827	11	−1	0.015 554	6 863	6	−4
24	0.995 627	839	299	−4	0.051 696	15 812	15	+3	0.022 417	6 858	5	+4
25	0.994 788	1 138	299	−5	0.067 508	15 792	20	+3	0.029 275	6 849	9	−2
26	0.993 650	1 435	297	−2	0.083 300	15 766	26	0	0.036 124	6 837	12	−5
27	0.992 215	1 732	297	−4	0.099 066	15 735	31	0	0.042 961	6 825	12	+3
28	+0.990 483	− 2 027	−295	−1	+0.114 801	+15 700	− 35	+4	+0.049 786	+6 809	−16	−2
29	0.988 456	2 322	295	−5	0.130 501	15 660	40	+2	0.056 595	6 792	17	+2
30	0.986 134	2 615	293	−1	0.146 161	15 615	45	−2	0.063 387	6 773	19	+3
31	0.983 519	2 906	291	+2	0.161 776	15 565	50	−5	0.070 160	6 751	22	0
April 1	0.980 613	3 196	290	0	0.177 341	15 511	54	−3	0.076 911	6 728	23	+1
2	0.977 417	3 485	289	−3	0.192 852	15 453	58	+1	0.083 639	6 703	25	+1
3	+0.973 932	− 3 773	−288	−4	+0.208 305	+15 391	− 62	+2	+0.090 342	+6 675	−28	−2
4	0.970 159	4 058	285	+4	0.223 696	15 323	68	−3	0.097 017	6 647	28	+4
5	0.966 101	4 342	284	+4	0.239 019	15 252	71	+1	0.103 664	6 615	32	−2
6	0.961 759	4 624	282	+4	0.254 271	15 177	75	+4	0.110 279	6 583	32	+3
7	0.957 135	4 905	281	+1	0.269 448	15 098	79	+3	0.116 862	6 548	35	0
8	0.952 230	5 184	279	0	0.284 546	15 014	84	−3	0.123 410	6 512	36	+1
9	+0.947 046	− 5 462	−278	−2	+0.299 560	+14 926	− 88	−3	+0.129 922	+6 474	−38	−1
10	0.941 584	5 737	275	+3	0.314 486	14 835	91	−1	0.136 396	6 433	41	−4
11	0.935 847	6 011	274	+3	0.329 321	14 739	96	−3	0.142 829	6 392	41	+3
12	0.929 836	6 283	272	+3	0.344 060	14 639	100	−3	0.149 221	6 349	43	+4
13	0.923 553	6 554	271	+1	0.358 699	14 536	103	+1	0.155 570	6 304	45	+1
14	0.916 999	6 822	268	+4	0.373 235	14 427	109	−4	0.161 874	6 256	48	−3
15	+0.910 177	− 7 089	−267	+1	+0.387 662	+14 316	−111	+4	+0.168 130	+6 209	−47	+4
16	0.903 088	7 354	265	−1	0.401 978	14 200	116	+1	0.174 339	6 157	52	−4
17	0.895 734	7 617	263	−1	0.416 178	14 079	121	−1	0.180 496	6 106	51	+4
18	0.888 117	7 878	261	−1	0.430 257	13 955	124	+1	0.186 602	6 051	55	−1
19	0.880 239	8 136	258	+1	0.444 212	13 825	130	−3	0.192 653	5 996	55	+4
20	0.872 103	8 393	257	−2	0.458 037	13 693	132	+3	0.198 649	5 938	58	+2
21	+0.863 710	− 8 646	−253	+3	+0.471 730	+13 554	−139	−3	+0.204 587	+5 879	−59	+2
22	0.855 064	8 896	250	+5	0.485 284	13 413	141	+2	0.210 466	5 817	62	−4
23	0.846 168	9 144	248	−1	0.498 697	13 267	146	0	0.216 283	5 753	64	−5
24	0.837 024	9 389	245	−2	0.511 964	13 116	151	−4	0.222 036	5 689	64	+4
25	0.827 635	9 630	241	+3	0.525 080	12 963	153	+2	0.227 725	5 623	66	+4
26	0.818 005	9 867	237	+4	0.538 043	12 805	158	−2	0.233 348	5 554	69	−3
27	+0.808 138	−10 102	−235	−1	+0.550 848	+12 643	−162	−3	+0.238 902	+5 484	−70	−2
28	0.798 036	10 333	231	0	0.563 491	12 479	164	+3	0.244 386	5 413	71	0
29	0.787 703	10 560	227	+3	0.575 970	12 311	168	+4	0.249 799	5 340	73	−2
30	0.777 143	10 784	224	0	0.588 281	12 140	171	+3	0.255 139	5 265	75	−2
Mai 1	0.766 359	−11 005	221	−1	0.600 421	+11 965	175	0	0.260 404	+5 190	75	+5
2	+0.755 354		−216	+4	+0.612 386		−177	+2	+0.265 594		−77	+4

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0^h Welt-Zeit	Mittleres Äquinoktium 1944.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1944 Mai 2	+0.755 354	−11 221	−216	+4	+0.612 386	+11 788	−177	+2	+0.265 594	+5 113	− 77	+4
3	0.744 133	11 435	214	−1	0.624 174	11 607	181	−2	0.270 707	5 035	78	+3
4	0.732 698	11 645	210	0	0.635 781	11 424	183	−1	0.275 742	4 954	81	−4
5	0.721 053	11 851	206	+2	0.647 205	11 237	187	−5	0.280 696	4 874	80	+4
6	0.709 202	12 054	203	−1	0.658 442	11 048	189	−3	0.285 570	4 792	82	+2
7	0.697 148	12 253	199	0	0.669 490	10 856	192	−5	0.290 362	4 708	84	−1
8	+0.684 895	−12 450	−197	−4	+0.680 346	+10 661	−195	−5	+0.295 070	+4 624	− 84	+1
9	0.672 445	12 641	191	+3	0.691 007	10 464	197	−2	0.299 694	4 537	87	−3
10	0.659 804	12 831	190	−3	0.701 471	10 264	200	−1	0.304 231	4 451	86	+5
11	0.646 973	13 016	185	+2	0.711 735	10 061	203	−2	0.308 682	4 363	88	+5
12	0.633 957	13 198	182	+1	0.721 796	9 856	205	+1	0.313 045	4 274	89	+4
13	0.620 759	13 377	179	−1	0.731 652	9 647	209	−1	0.317 319	4 184	90	+3
14	+0.607 382	−13 552	−175	0	+0.741 299	+ 9 437	−210	+4	+0.321 503	+4 092	− 92	−2
15	0.593 830	13 723	171	+4	0.750 736	9 222	215	−1	0.325 595	3 999	93	−4
16	0.580 107	13 890	167	+3	0.759 958	9 006	216	+5	0.329 594	3 905	94	−1
17	0.566 217	14 054	164	−2	0.768 964	8 787	219	+3	0.333 499	3 810	95	+1
18	0.552 163	14 214	160	−5	0.777 751	8 564	223	−4	0.337 309	3 714	96	+4
19	0.537 949	14 369	155	−3	0.786 315	8 339	225	−3	0.341 023	3 617	97	+4
20	+0.523 580	−14 520	−151	−3	+0.794 654	+ 8 111	−228	−4	+0.344 640	+3 518	− 99	0
21	0.509 060	14 667	147	−4	0.802 765	7 881	230	0	0.348 158	3 418	100	0
22	0.494 393	14 808	141	+1	0.810 646	7 649	232	+2	0.351 576	3 318	100	+3
23	0.479 585	14 946	138	−4	0.818 295	7 414	235	+1	0.354 894	3 216	102	+1
24	0.464 639	15 078	132	0	0.825 709	7 177	237	+1	0.358 110	3 114	102	+1
25	0.449 561	15 206	128	−1	0.832 886	6 939	238	+5	0.361 224	3 010	104	−3
26	+0.434 355	−15 329	−123	+1	+0.839 825	+ 6 699	−240	+3	+0.364 234	+2 906	−104	−3
27	0.419 026	15 447	118	+2	0.846 524	6 457	242	−2	0.367 140	2 801	105	−4
28	0.403 579	15 561	114	0	0.852 981	6 213	244	−3	0.369 941	2 695	106	−4
29	0.388 018	15 670	109	+3	0.859 194	5 968	245	+1	0.372 636	2 589	106	0
30	0.372 348	15 774	104	+5	0.865 162	5 723	245	+5	0.375 225	2 482	107	+1
31	0.356 574	15 874	100	+4	0.870 885	5 475	248	+1	0.377 707	2 375	107	+5
Juni 1	+0.340 700	−15 969	− 95	+5	+0.876 360	+ 5 227	−248	+4	+0.380 082	+2 267	−108	+5
2	0.324 731	16 059	90	+5	0.881 587	4 977	250	+1	0.382 349	2 159	108	+5
3	0.308 672	16 146	87	−2	0.886 564	4 726	251	0	0.384 508	2 050	109	+2
4	0.292 526	16 227	81	+1	0.891 290	4 475	251	+5	0.386 558	1 940	110	0
5	0.276 299	16 305	78	−2	0.895 765	4 223	252	+4	0.388 498	1 831	109	+5
6	0.259 994	16 377	72	+2	0.899 988	3 969	254	−2	0.390 329	1 721	110	+4
7	+0.243 617	−16 446	− 69	−4	+0.903 957	+ 3 715	−254	+1	+0.392 050	+1 611	−110	+4
8	0.227 171	16 511	65	−5	0.907 672	3 459	256	−1	0.393 661	1 500	111	0
9	0.210 660	16 571	60	0	0.911 131	3 204	255	+5	0.395 161	1 388	112	−3
10	0.194 089	16 626	55	+5	0.914 335	2 947	257	+1	0.396 549	1 278	110	+4
11	0.177 463	−16 678	52	0	0.917 282	+ 2 688	259	−4	0.397 827	+1 165	113	−3
12	+0.160 785		− 46	+3	+0.919 970		−259	+2	+0.398 992		−112	−1

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1944.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1944												
Juni 12	+0.160 785	−16 724	− 46	+3	+0.919 970	+2 429	−259	+2	+0.398 992	+1 053	−112	−1
13	0.144 061	16 767	43	−3	0.922 399	2 169	260	+4	0.400 045	940	113	−2
14	0.127 294	16 805	38	−4	0.924 568	1 909	260	+5	0.400 985	827	113	+3
15	0.110 489	16 838	33	−2	0.926 477	1 646	263	−2	0.401 812	714	113	+5
16	0.093 651	16 866	28	+1	0.928 123	1 384	262	+2	0.402 526	601	113	+4
17	0.076 785	16 888	22	+5	0.929 507	1 121	263	0	0.403 127	486	115	−2
18	+0.059 897	−16 907	− 19	−1	+0.930 628	+ 856	−265	−3	+0.403 613	+ 372	−114	0
19	0.042 990	16 919	12	+3	0.931 484	593	263	+4	0.403 985	257	115	0
20	0.026 071	16 927	8	−1	0.932 077	328	265	+1	0.404 242	143	114	+5
21	+0.009 144	16 929	− 2	0	0.932 405	+ 64	264	+5	0.404 385	+ 29	114	+5
22	−0.007 785	16 927	+ 2	−5	0.932 469	− 200	264	+5	0.404 414	− 86	115	+1
23	0.024 712	16 920	7	−5	0.932 269	464	264	+4	0.404 328	201	115	−1
24	−0.041 632	−16 906	+ 14	+4	+0.931 805	− 727	−263	+4	+0.404 127	− 314	−113	+4
25	0.058 538	16 889	17	−1	0.931 078	991	264	0	0.403 813	429	115	−4
26	0.075 427	16 866	23	+2	0.930 087	1 253	262	+4	0.403 384	543	114	−5
27	0.092 293	16 839	27	0	0.928 834	1 515	262	+2	0.402 841	657	114	−5
28	0.109 132	16 806	33	+2	0.927 319	1 776	261	+3	0.402 184	770	113	0
29	0.125 938	16 770	36	−3	0.925 543	2 036	260	+3	0.401 414	883	113	0
30	−0.142 708	−16 728	+ 42	0	+0.923 507	−2 296	−260	−1	+0.400 531	− 996	−113	−1
Juli 1	0.159 436	16 682	46	−2	0.921 211	2 554	258	0	0.399 535	1 108	112	+2
2	0.176 118	16 631	51	0	0.918 657	2 812	258	−4	0.398 427	1 220	112	0
3	0.192 749	16 576	55	−2	0.915 845	3 069	257	−4	0.397 207	1 331	111	+2
4	0.209 325	16 517	59	−3	0.912 776	3 324	255	+2	0.395 876	1 442	111	0
5	0.225 842	16 453	64	−1	0.909 452	3 578	254	+4	0.394 434	1 553	111	−2
6	−0.242 295	−16 385	+ 68	−1	+0.905 874	−3 832	−254	0	+0.392 881	−1 662	−109	+2
7	0.258 680	16 313	72	−2	0.902 042	4 084	252	+3	0.391 219	1 772	110	−4
8	0.274 993	16 237	76	−2	0.897 958	4 336	252	+2	0.389 447	1 882	110	−5
9	0.291 230	16 156	81	−2	0.893 622	4 586	250	+2	0.387 565	1 990	108	+3
10	0.307 386	16 072	84	−5	0.889 036	4 837	251	−4	0.385 575	2 098	108	+5
11	0.323 458	15 982	90	0	0.884 199	5 085	248	+2	0.383 477	2 206	108	+4
12	−0.339 440	−15 888	+ 94	−1	+0.879 114	−5 333	−248	−2	+0.381 271	−2 313	−107	+5
13	0.355 328	15 790	98	−5	0.873 781	5 580	247	−4	0.378 958	2 420	107	+4
14	0.371 118	15 687	103	−2	0.868 201	5 826	246	−5	0.376 538	2 526	106	+3
15	0.386 805	15 579	108	+2	0.862 375	6 070	244	−1	0.374 012	2 632	106	−1
16	0.402 384	15 466	113	+3	0.856 305	6 312	242	+1	0.371 380	2 737	105	−3
17	0.417 850	15 348	118	+2	0.849 993	6 554	242	−4	0.368 643	2 842	105	−5
18	−0.433 198	−15 227	+121	−5	+0.843 439	−6 793	−239	+1	+0.365 801	−2 946	−104	−2
19	0.448 425	15 100	127	−1	0.836 646	7 030	237	+1	0.362 855	3 048	102	+2
20	0.463 525	14 969	131	−2	0.829 616	7 265	235	−1	0.359 807	3 150	102	0
21	0.478 494	14 832	137	+3	0.822 351	7 499	234	−4	0.356 657	3 252	102	−3
22	0.493 326	−14 693	139	−3	0.814 852	−7 729	230	0	0.353 405	−3 351	99	+2
23	−0.508 019		+146	+2	+0.807 123		−229	−3	+0.350 054		−100	−3

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1944.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1944 Juli 23	−0.508 019	−14 547	+146	+2	+0.807 123	− 7 958	−229	−3	+0.350 054	−3 451	−100	−3
24	0.522 566	14 399	148	−4	0.799 165	8 184	226	−1	0.346 603	3 549	98	−1
25	0.536 965	14 246	153	−1	0.790 981	8 407	223	+3	0.343 054	3 646	97	+2
26	0.551 211	14 088	158	+3	0.782 574	8 628	221	+3	0.339 408	3 742	96	+3
27	0.565 299	13 928	160	−3	0.773 946	8 846	218	+2	0.335 666	3 836	94	+4
28	0.579 227	13 762	166	+4	0.765 100	9 062	216	0	0.331 830	3 930	94	−2
29	−0.592 989	−13 593	+169	0	+0.756 038	− 9 274	−212	+3	+0.327 900	−4 023	− 93	−3
30	0.606 582	13 421	172	−4	0.746 764	9 484	210	−1	0.323 877	4 114	91	0
31	0.620 003	13 245	176	−4	0.737 280	9 692	208	−5	0.319 763	4 204	90	+1
Aug. 1	0.633 248	13 066	179	−2	0.727 588	9 896	204	−3	0.315 559	4 292	88	+3
2	0.646 314	12 882	184	+4	0.717 692	10 098	202	−3	0.311 267	4 380	88	−3
3	0.659 196	12 697	185	−2	0.707 594	10 296	198	+3	0.306 887	4 467	87	−4
4	−0.671 893	−12 507	+190	+3	+0.697 298	−10 493	−197	−3	+0.302 420	−4 551	− 84	+3
5	0.684 400	12 314	193	+3	0.686 805	10 686	193	−1	0.297 869	4 635	84	−1
6	0.696 714	12 118	196	0	0.676 119	10 878	192	−5	0.293 234	4 719	84	−5
7	0.708 832	11 919	199	−5	0.665 241	11 066	188	−1	0.288 515	4 800	81	+3
8	0.720 751	11 717	202	−5	0.654 175	11 252	186	−1	0.283 715	4 880	80	+5
9	0.732 468	11 510	207	+2	0.642 923	11 435	183	−2	0.278 835	4 959	79	+2
10	−0.743 978	−11 300	+210	+5	+0.631 488	−11 616	−181	−3	+0.273 876	−5 038	− 79	−3
11	0.755 278	11 086	214	+5	0.619 872	11 793	177	+1	0.268 838	5 114	76	+1
12	0.766 364	10 869	217	+1	0.608 079	11 967	174	+1	0.263 724	5 190	76	−2
13	0.777 233	10 649	220	−1	0.596 112	12 139	172	−2	0.258 534	5 264	74	0
14	0.787 882	10 424	225	+4	0.583 973	12 306	167	+2	0.253 270	5 336	72	+1
15	0.798 306	10 196	228	+2	0.571 667	12 471	165	−2	0.247 934	5 408	72	−5
16	−0.808 502	− 9 966	+230	−4	+0.559 196	−12 631	−160	+3	+0.242 526	−5 478	− 70	−4
17	0.818 468	9 731	235	+1	0.546 565	12 789	158	−1	0.237 048	5 546	68	0
18	0.828 199	9 494	237	0	0.533 776	12 942	153	+4	0.231 502	5 612	66	+3
19	0.837 693	9 253	241	+2	0.520 834	13 091	149	+5	0.225 890	5 677	65	0
20	0.846 946	9 010	243	−2	0.507 743	13 236	145	+5	0.220 213	5 740	63	0
21	0.855 956	8 764	246	−1	0.494 507	13 378	142	−1	0.214 473	5 802	62	−3
22	−0.864 720	− 8 515	+249	+2	+0.481 129	−13 516	−138	−3	+0.208 671	−5 862	− 60	−1
23	0.873 235	8 263	252	+4	0.467 613	13 649	133	0	0.202 809	5 919	57	+4
24	0.881 498	8 010	253	−2	0.453 964	13 778	129	0	0.196 890	5 976	57	−2
25	0.889 508	7 754	256	−1	0.440 186	13 904	126	−5	0.190 914	6 030	54	−1
26	0.897 262	7 495	259	+4	0.426 282	14 025	121	−2	0.184 884	6 083	53	−4
27	0.904 757	7 235	260	+3	0.412 257	14 142	117	0	0.178 801	6 134	51	−3
28	−0.911 992	− 6 972	+263	+3	+0.398 115	−14 255	−113	+1	+0.172 667	−6 183	− 49	−2
29	0.918 964	6 709	263	−2	0.383 860	14 363	108	+5	0.166 484	6 230	47	−1
30	0.925 673	6 442	267	+4	0.369 497	14 468	105	+1	0.160 254	6 276	46	−2
31	0.932 115	6 175	267	−2	0.355 029	14 569	101	0	0.153 978	6 319	43	+3
Sept. 1	0.938 290	− 5 906	269	−1	0.340 460	−14 666	97	+1	0.147 659	−6 361	42	−1
2	−0.944 196		+270	−2	+0.325 794		− 92	+5	+0.141 298		− 41	−3

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1944.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1944												
Sept. 2	−0.944 196	−5 636	+270	−2	+0.325 794	−14 758	−92	+5	+0.141 298	−6 402	−41	−3
3	0.949 832	5 363	273	+4	0.311 036	14 848	90	−3	0.134 896	6 440	38	+2
4	0.955 195	5 089	274	+2	0.296 188	14 934	86	−2	0.128 456	6 477	37	+2
5	0.960 284	4 814	275	−3	0.281 254	15 015	81	+3	0.121 979	6 512	35	+3
6	0.965 098	4 537	277	−1	0.266 239	15 093	78	+2	0.115 467	6 546	34	+1
7	0.969 635	4 257	280	+4	0.251 146	15 166	73	+3	0.108 921	6 577	31	+3
8	−0.973 892	−3 976	+281	+3	+0.235 980	−15 237	−71	−4	+0.102 344	−6 608	−31	−3
9	0.977 868	3 694	282	0	0.220 743	15 302	65	+1	0.095 736	6 636	28	−1
10	0.981 562	3 409	285	+4	0.205 441	15 363	61	0	0.089 100	6 662	26	0
11	0.984 971	3 123	286	+2	0.190 078	15 419	56	+1	0.082 438	6 687	25	−5
12	0.988 094	2 836	287	+2	0.174 659	15 472	53	−4	0.075 751	6 710	23	−3
13	0.990 930	2 546	290	+4	0.159 187	15 519	47	−1	0.069 041	6 730	20	+3
14	−0.993 476	−2 257	+289	−5	+0.143 668	−15 562	−43	−3	+0.062 311	−6 749	−19	+2
15	0.995 733	1 966	291	−3	0.128 106	15 600	38	−4	0.055 562	6 765	16	+5
16	0.997 699	1 674	292	−1	0.112 506	15 634	34	−4	0.048 797	6 779	14	+3
17	0.999 373	1 381	293	+1	0.096 872	15 661	27	+2	0.042 018	6 793	14	−4
18	1.000 754	1 087	294	+2	0.081 211	15 686	25	−4	0.035 225	6 802	9	+4
19	1.001 841	794	293	−2	0.065 525	15 704	18	+2	0.028 423	6 811	9	−2
20	−1.002 635	− 499	+295	+3	+0.049 821	−15 718	−14	−1	+0.021 612	−6 817	− 6	0
21	1.003 134	− 204	295	+3	0.034 103	15 727	9	−2	0.014 795	6 821	4	−1
22	1.003 338	+ 90	294	−2	0.018 376	15 732	− 5	−5	0.007 974	6 823	− 2	−3
23	1.003 248	385	295	+2	+0.002 644	15 731	+ 1	0	+0.001 151	6 823	0	−5
24	1.002 863	680	295	+4	−0.013 087	15 726	5	0	−0.005 672	6 821	+ 2	−5
25	1.002 183	974	294	0	0.028 813	15 716	10	+1	0.012 493	6 817	4	−4
26	−1.001 209	+1 268	+294	+1	−0.044 529	−15 701	+15	+4	−0.019 310	−6 810	+ 7	0
27	0.999 941	1 561	293	0	0.060 230	15 682	19	+2	0.026 120	6 802	8	−4
28	0.998 380	1 854	293	+3	0.075 912	15 658	24	+3	0.032 922	6 792	10	−5
29	0.996 526	2 147	293	+3	0.091 570	15 631	27	−2	0.039 714	6 780	12	−3
30	0.994 379	2 437	290	−4	0.107 201	15 598	33	+4	0.046 494	6 765	15	+3
Okt. 1	0.991 942	2 729	292	+2	0.122 799	15 561	37	+2	0.053 259	6 749	16	−1
2	−0.989 213	+3 018	+289	−3	−0.138 360	−15 521	+40	−4	−0.060 008	−6 732	+17	−4
3	0.986 195	3 309	291	+4	0.153 881	15 477	44	−4	0.066 740	6 712	20	−2
4	0.982 886	3 598	289	0	0.169 358	15 427	50	+4	0.073 452	6 691	21	−2
5	0.979 288	3 886	288	−1	0.184 785	15 373	54	+3	0.080 143	6 667	24	+3
6	0.975 402	4 175	289	+5	0.200 158	15 316	57	−4	0.086 810	6 642	25	0
7	0.971 227	4 463	288	+4	0.215 474	15 254	62	−4	0.093 452	6 615	27	−2
8	−0.966 764	+4 750	+287	0	−0.230 728	−15 187	+67	−2	−0.100 067	−6 586	+29	−1
9	0.962 014	5 035	285	−4	0.245 915	15 115	72	+2	0.106 653	6 555	31	+1
10	0.956 979	5 322	287	+4	0.261 030	15 039	76	+2	0.113 208	6 522	33	+3
11	0.951 657	5 605	283	−3	0.276 069	14 957	82	+4	0.119 730	6 486	36	+5
12	0.946 052	+5 888	283	+2	0.291 026	−14 872	85	−1	0.126 216	−6 449	37	+1
13	−0.940 164		+282	+5	−0.305 898		+91	+1	−0.132 665		+39	−3

*) ΔX, ΔY, ΔZ sind in Einheiten der 7 Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1944.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1944												
Okt. 13	−0.940 164	+ 6 170	+282	+5	−0.305 898	−14 781	+ 91	+1	−0.132 665	−6 410	+ 39	−3
14	0.933 994	6 450	280	+3	0.320 679	14 686	95	+1	0.139 075	6 369	41	−4
15	0.927 544	6 729	279	+3	0.335 365	14 585	101	+4	0.145 444	6 326	43	−3
16	0.920 815	7 005	276	−2	0.349 950	14 481	104	−2	0.151 770	6 280	46	+1
17	0.913 810	7 280	275	−1	0.364 431	14 371	110	0	0.158 050	6 233	47	−2
18	0.906 530	7 552	272	−3	0.378 802	14 257	114	−2	0.164 283	6 183	50	−1
19	−0.898 978	+ 7 823	+271	+1	−0.393 059	−14 138	+119	0	−0.170 466	−6 133	+ 50	−5
20	0.891 155	8 091	268	+1	0.407 197	14 015	123	−2	0.176 599	6 078	55	+4
21	0.883 064	8 357	266	0	0.421 212	13 887	128	−1	0.182 677	6 024	54	−4
22	0.874 707	8 619	262	−5	0.435 099	13 755	132	−2	0.188 701	5 966	58	+2
23	0.866 088	8 880	261	−1	0.448 854	13 618	137	0	0.194 667	5 907	59	+1
24	0.857 208	9 137	257	−3	0.462 472	13 478	140	−3	0.200 574	5 846	61	+2
25	−0.848 071	+ 9 391	+254	−3	−0.475 950	−13 333	+145	−2	−0.206 420	−5 783	+ 63	+2
26	0.838 680	9 643	252	+2	0.489 283	13 185	148	−3	0.212 203	5 719	64	−3
27	0.829 037	9 892	249	+2	0.502 468	13 032	153	+2	0.217 922	5 652	67	0
28	0.819 145	10 137	245	−3	0.515 500	12 876	156	−1	0.223 574	5 585	67	−5
29	0.809 008	10 380	243	−2	0.528 376	12 717	159	−3	0.229 159	5 516	69	−4
30	0.798 628	10 619	239	−5	0.541 093	12 553	164	−1	0.234 675	5 444	72	+2
31	−0.788 009	+10 856	+237	−1	−0.553 646	−12 387	+166	−5	−0.240 119	−5 372	+ 72	−2
Nov. 1	0.777 153	11 090	234	+1	0.566 033	12 217	170	−4	0.245 491	5 298	74	−3
2	0.766 063	11 322	232	+4	0.578 250	12 043	174	+1	0.250 789	5 223	75	−3
3	0.754 741	11 550	228	0	0.590 293	11 865	178	+2	0.256 012	5 145	78	+2
4	0.743 191	11 775	225	−2	0.602 158	11 684	181	0	0.261 157	5 067	78	−3
5	0.731 416	11 998	223	+3	0.613 842	11 499	185	−2	0.266 224	4 987	80	−2
6	−0.719 418	+12 218	+220	+2	−0.625 341	−11 311	+188	−4	−0.271 211	−4 904	+ 83	+2
7	0.707 200	12 433	215	−5	0.636 652	11 118	193	+2	0.276 115	4 822	82	−4
8	0.694 767	12 646	213	−2	0.647 770	10 921	197	+3	0.280 937	4 736	86	+4
9	0.682 121	12 855	209	−2	0.658 691	10 722	199	−3	0.285 673	4 649	87	+3
10	0.669 266	13 060	205	−1	0.669 413	10 518	204	+1	0.290 322	4 561	88	−3
11	0.656 206	13 263	203	+3	0.679 931	10 310	208	+3	0.294 883	4 472	89	−5
12	−0.642 943	+13 460	+197	−4	−0.690 241	−10 100	+210	−2	−0.299 355	−4 380	+ 92	0
13	0.629 483	13 653	193	−4	0.700 341	9 885	215	+2	0.303 735	4 287	93	−2
14	0.615 830	13 843	190	+2	0.710 226	9 667	218	+1	0.308 022	4 193	94	−4
15	0.601 987	14 029	186	+4	0.719 893	9 447	220	−3	0.312 215	4 098	95	−5
16	0.587 958	14 209	180	−1	0.729 340	9 221	226	+4	0.316 313	4 000	98	+4
17	0.573 749	14 386	177	+2	0.738 561	8 994	227	−2	0.320 313	3 901	99	+5
18	−0.559 363	+14 557	+171	0	−0.747 555	− 8 764	+230	−4	−0.324 214	−3 801	+100	+1
19	0.544 806	14 725	168	+4	0.756 319	8 530	234	0	0.328 015	3 701	100	−3
20	0.530 081	14 887	162	−2	0.764 849	8 294	236	0	0.331 716	3 597	104	+4
21	0.515 194	15 044	157	−5	0.773 143	8 055	239	+1	0.335 313	3 495	102	−4
22	0.500 150	+15 196	152	−4	0.781 198	− 7 814	241	−1	0.338 808	−3 389	106	+3
23	−0.484 954		+148	+2	−0.789 012		+243	−1	−0.342 197		+105	−2

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0ʰ Welt-Zeit	Mittleres Äquinoktium 1944.0 X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1944												
Nov. 23	−0.484 954	+15 344	+148	+2	−0.789 012	−7 571	+243	−1	−0.342 197	−3 284	+105	−2
24	0.469 610	15 487	143	+3	0.796 583	7 325	246	+4	0.345 481	3 177	107	−1
25	0.454 123	15 625	138	+3	0.803 908	7 077	248	+2	0.348 658	3 070	107	−4
26	0.438 498	15 759	134	+4	0.810 985	6 828	249	−3	0.351 728	2 962	108	−1
27	0.422 739	15 887	128	−3	0.817 813	6 577	251	−4	0.354 690	2 852	110	+5
28	0.406 852	16 011	124	−4	0.824 390	6 324	253	−1	0.357 542	2 742	110	+2
29	−0.390 841	+16 130	+119	−4	−0.830 714	−6 069	+255	+2	−0.360 284	−2 632	+110	−1
30	0.374 711	16 245	115	−1	0.836 783	5 812	257	+5	0.362 916	2 520	112	+3
Dez. 1	0.358 466	16 356	111	+4	0.842 595	5 553	259	+4	0.365 436	2 408	112	+2
2	0.342 110	16 462	106	+1	0.848 148	5 293	260	0	0.367 844	2 295	113	+3
3	0.325 648	16 562	100	−3	0.853 441	5 031	262	−2	0.370 139	2 181	114	+4
4	0.309 086	16 660	98	+4	0.858 472	4 766	265	+1	0.372 320	2 066	115	+2
5	−0.292 426	+16 750	+ 90	−4	−0.863 238	−4 501	+265	−4	−0.374 386	−1 952	+114	−4
6	0.275 676	16 838	88	+3	0.867 739	4 232	269	+2	0.376 338	1 835	117	+2
7	0.258 838	16 918	80	−4	0.871 971	3 964	268	−4	0.378 173	1 719	116	−1
8	0.241 920	16 995	77	+4	0.875 935	3 692	272	+5	0.379 892	1 601	118	+4
9	0.224 925	17 067	72	+5	0.879 627	3 419	273	+2	0.381 493	1 483	118	+4
10	0.207 858	17 132	65	−2	0.883 046	3 146	273	−4	0.382 976	1 364	119	+5
11	−0.190 726	+17 193	+ 61	0	−0.886 192	−2 870	+276	+3	−0.384 340	−1 245	+119	+3
12	0.173 533	17 247	54	−4	0.889 062	2 593	277	+2	0.385 585	1 125	120	+4
13	0.156 286	17 297	50	+2	0.891 655	2 316	277	−3	0.386 710	1 005	120	+1
14	0.138 989	17 341	44	+4	0.893 971	2 037	279	−3	0.387 715	884	121	+3
15	0.121 648	17 380	39	+4	0.896 008	1 758	279	−3	0.388 599	763	121	+3
16	0.104 268	17 411	31	−3	0.897 766	1 477	281	+4	0.389 362	641	122	+4
17	−0.086 857	+17 439	+ 28	+2	−0.899 243	−1 196	+281	+2	−0.390 003	− 519	+122	0
18	0.069 418	17 459	20	−5	0.900 439	915	281	−2	0.390 522	398	121	−5
19	0.051 959	17 474	15	−5	0.901 354	634	281	−4	0.390 920	276	122	−3
20	0.034 485	17 483	9	−4	0.901 988	353	281	−5	0.391 196	153	123	+1
21	−0.017 002	17 487	+ 4	−1	0.902 341	− 72	281	−2	0.391 349	− 32	121	−4
22	+0.000 485	17 485	− 2	0	0.902 413	+ 209	281	+2	0.391 381	+ 90	122	+1
23	+0.017 970	+17 478	− 7	+1	−0.902 204	+ 490	+281	+3	−0.391 291	+ 213	+123	+4
24	0.035 448	17 465	13	+1	0.901 714	769	279	−4	0.391 078	333	120	−4
25	0.052 913	17 447	18	+2	0.900 945	1 049	280	−1	0.390 745	455	122	+3
26	0.070 360	17 425	22	+4	0.899 896	1 327	278	−5	0.390 290	576	121	+4
27	0.087 785	17 396	29	−3	0.898 569	1 606	279	−1	0.389 714	697	121	+5
28	0.105 181	17 363	33	−3	0.896 963	1 883	277	−4	0.389 017	818	121	+4
29	+0.122 544	+17 324	− 39	−4	−0.895 080	+2 160	+277	−4	−0.388 199	+ 937	+119	−3
30	0.139 868	17 282	42	+3	0.892 920	2 436	276	−2	0.387 262	1 058	121	+2
31	0.157 150	+17 233	49	−1	0.890 484	+2 713	277	+4	0.386 204	+1 177	119	−4
32	+0.174 383		− 53	+4	−0.887 771		+274	−2	−0.385 027		+119	−3

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

Frühlingsäquinoktium	20. März	17ʰ 49ᵐ		Herbstäquinoktium	23. Sept.	4ʰ 2ᵐ
Sommersolstitium	21. Juni	13 3		Wintersolstitium	21. Dez.	23 16

Erdnähe 4. Jan. 18ʰ
Erdferne 3. Juli 5

Tag		0ʰ Welt-Zeit			
		Aberration	Parallaxe	Mittlere Länge $L_\odot$	Mittlere Anomalie $M_\odot$
1944		"	"	°	°
Jan.	−5	20.81	8.95	273.6284	351.65
	+5	20.82	8.95	283.4848	1.51
	15	20.81	8.95	293.3413	11.36
	25	20.79	8.94	303.1978	21.22
Febr.	4	20.77	8.93	313.0542	31.08
	14	20.73	8.91	322.9107	40.93
	24	20.68	8.89	332.7672	50.79
März	5	20.63	8.87	342.6237	60.64
	15	20.58	8.85	352.4801	70.50
	25	20.52	8.82	2.3366	80.36
April	4	20.46	8.80	12.1931	90.21
	14	20.40	8.77	22.0496	100.07
	24	20.35	8.75	31.9060	109.92
Mai	4	20.30	8.73	41.7625	119.78
	14	20.25	8.71	51.6190	129.64
	24	20.21	8.69	61.4755	139.49
Juni	3	20.18	8.67	71.3319	149.35
	13	20.15	8.66	81.1884	159.20
	23	20.14	8.66	91.0449	169.06
Juli	3	20.13	8.66	100.9013	178.92
	13	20.14	8.66	110.7578	188.77
	23	20.15	8.66	120.6143	198.63
Aug.	2	20.17	8.67	130.4708	208.48
	12	20.20	8.69	140.3272	218.34
	22	20.24	8.70	150.1837	228.20
Sept.	1	20.29	8.72	160.0402	238.05
	11	20.34	8.74	169.8967	247.91
	21	20.39	8.77	179.7531	257.76
Okt.	1	20.45	8.79	189.6096	267.62
	11	20.51	8.82	199.4661	277.48
	21	20.57	8.84	209.3226	287.33
	31	20.62	8.87	219.1790	297.19
Nov.	10	20.67	8.89	229.0355	307.04
	20	20.72	8.91	238.8920	316.90
	30	20.76	8.92	248.7484	326.76
Dez.	10	20.79	8.94	258.6049	336.61
	20	20.81	8.95	268.4614	346.47
	30	20.82	8.95	278.3179	356.32
	40	20.82	8.95	288.1743	6.18

Tag	0ʰ Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite	Alter
1944	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°	d
Jan. 0	22 15 28	56 12	−13 6.3	4 22.2	60 6.7	29.4	16 24.2	8.0	331.043	−2.140	3.8
1	23 11 40	53 47	− 8 44.1	4 46.5	59 37.3	35.5	16 16.2	9.7	345.483	−3.267	4.8
2	0 5 27	52 1	− 3 57.6	4 52.9	59 1.8	38.1	16 6.5	10.4	359.670	−4.174	5.8
3	0 57 28	51 1	+ 0 55.3	4 43.9	58 23.7	38.3	15 56.1	10.4	13.581	−4.815	6.8
4	1 48 29	50 46	+ 5 39.2	4 21.9	57 45.4	36.6	15 45.7	9.9	27.212	−5.171	7.8
5	2 39 15	51 4	+10 1.1	3 48.3	57 8.8	33.9	15 35.8	9.8	40.572	−5.237	8.8
6	3 30 19	51 42	+13 49.4	3 5.0	56 34.9	31.1	15 26.0	8.0	53.678	−5.027	9.8
7	4 22 1	52 20	+16 54.4	2 13.4	56 3.8	28.1	15 18.0	7.6	66.548	−4.566	10.8
8	5 14 21	52 41	+19 7.8	1 16.3	55 35.7	25.1	15 10.4	6.9	79.199	−3.888	11.8
9	6 7 2	52 30	+20 24.1	0 16.7	55 10.6	22.1	15 3.5	6.0	91.649	−3.034	12.8
10	6 59 32	51 45	+20 40.8	0 41.8	54 48.5	18.7	14 57.5	5.1	103.915	−2.049	13.8
11	7 51 17	50 27	+19 59.0	1 35.8	54 29.8	14.6	14 52.4	4.0	116.018	−0.984	14.8
12	8 41 44	48 53	+18 23.2	2 22.9	54 15.2	9.6	14 48.4	2.6	127.985	+0.115	15.8
13	9 30 37	47 19	+16 0.3	3 1.9	54 5.6	3.4	14 45.8	0.9	139.849	+1.201	16.8
14	10 17 56	45 59	+12 58.4	3 32.5	54 2.2	3.9	14 44.9	1.1	151.652	+2.231	17.8
15	11 3 55	45 7	+ 9 25.9	3 55.0	54 6.1	12.2	14 46.0	3.3	163.446	+3.166	18.8
16	11 49 2	44 54	+ 5 30.9	4 9.7	54 18.3	21.5	14 49.3	5.9	175.291	+3.970	19.8
17	12 33 56	45 25	+ 1 21.2	4 16.4	54 39.8	31.2	14 55.2	8.4	187.258	+4.610	20.8
18	13 19 21	46 44	− 2 55.2	4 14.7	55 11.0	40.6	15 3.6	11.1	199.420	+5.055	21.8
19	14 6 5	48 54	− 7 9.9	4 2.9	55 51.6	49.0	15 14.7	13.4	211.855	+5.276	22.8
20	14 54 59	51 51	−11 12.8	3 38.6	56 40.6	55.2	15 28.1	15.0	224.636	+5.247	23.8
21	15 46 50	55 20	−14 51.4	2 59.0	57 35.8	58.1	15 43.1	15.8	237.823	+4.946	24.8
22	16 42 10	58 55	−17 50.4	2 2.0	58 33.9	56.1	15 58.9	15.3	251.457	+4.361	25.8
23	17 41 5	61 53	−19 52.4	0 48.5	59 30.0	48.8	16 14.2	13.3	265.544	+3.499	26.8
24	18 42 58	63 32	−20 40.9	0 36.2	60 18.8	35.7	16 27.5	9.7	280.050	+2.389	27.8
25	19 46 30	63 28	−20 4.7	2 2.3	60 54.5	18.4	16 37.2	5.0	294.897	+1.094	28.8
26	20 49 58	61 51	−18 2.4	3 18.5	61 12.9	1.2	16 42.2	0.3	309.961	−0.295	0.4
27	21 51 49	59 22	−14 43.9	4 15.8	61 11.7	19.8	16 41.9	5.4	325.097	−1.670	1.4
28	22 51 11	56 41	−10 28.1	4 50.5	60 51.9	35.0	16 36.5	9.5	340.148	−2.922	2.4
29	23 47 52	54 24	− 5 37.6	5 3.0	60 16.9	45.5	16 27.0	12.4	354.978	−3.957	3.4
30	0 42 16	52 45	− 0 34.6	4 56.5	59 31.4	50.6	16 14.6	13.8	9.483	−4.714	4.4
31	1 35 1	51 50	+ 4 21.9	4 34.5	58 40.8	51.2	16 0.8	14.0	23.602	−5.162	5.4
Febr. 1	2 26 51	51 31	+ 8 56.4	4 0.4	57 49.6	48.5	15 46.8	13.2	37.314	−5.301	6.4
2	3 18 22	51 40	+12 56.8	3 16.8	57 1.1	43.5	15 33.6	11.8	50.632	−5.147	7.4
3	4 10 2	51 58	+16 13.6	2 25.9	56 17.6	37.4	15 21.8	10.2	63.592	−4.733	8.4
4	5 2 0	52 12	+18 39.5	1 30.0	55 40.2	31.1	15 11.6	8.5	76.243	−4.097	9.4
5	5 54 12	52 6	+20 9.5	0 31.6	55 9.1	24.9	15 3.1	6.8	88.638	−3.280	10.4
6	6 46 18	51 33	+20 41.1	0 26.5	54 44.2	19.2	14 56.3	5.2	100.830	−2.326	11.4
7	7 37 51	50 31	+20 14.6	1 21.4	54 25.0	13.9	14 51.1	3.8	112.868	−1.281	12.4
8	8 28 22	49 10	+18 53.2	2 10.5	54 11.1	8.9	14 47.3	2.4	124.793	−0.189	13.4
9	9 17 32	47 43	+16 42.7	2 52.2	54 2.2	4.0	14 44.9	1.1	136.646	+0.903	14.4
10	10 5 15		+13 50.5		53 58.2		14 43.8		148.461	+1.952	15.4

Tag	Obere Kulmination in Greenwich							0h Länge, + 50° Breite			
	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1944	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Jan. 0	22 53 53	144	−10 12.0	+11.6	59.8	16 17.0	2.24	11 1	1.3	21 43	3.3
1	23 50 19	138	− 5 20.7	+12.5	59.2	17 9.4	2.13	11 30	1.1	23 1	3.2
2	0 44 34	134	− 0 17.7	+12.6	58.6	17 59.5	2.06	11 55	1.1	— —	—
3	1 37 30	131	+ 4 39.2	+12.0	57.9	18 48.4	2.02	12 20	1.0	0 16	3.1
4	2 29 58	131	+ 9 15.4	+10.9	57.3	19 36.8	2.02	12 45	1.1	1 29	3.0
5	3 22 41	132	+13 17.9	+ 9.2	56.7	20 25.4	2.04	13 12	1.2	2 41	2.9
6	4 16 3	134	+16 35.6	+ 7.2	56.1	21 14.7	2.07	13 42	1.3	3 50	2.8
7	5 10 8	136	+18 59.2	+ 4.7	55.6	22 4.7	2.10	14 17	1.6	4 57	2.7
8	6 4 39	136	+20 21.9	+ 2.1	55.2	22 55.2	2.10	14 57	1.8	6 0	2.5
9	6 59 1	135	+20 40.9	− 0.5	54.8	23 45.4	2.08	15 43	2.1	6 57	2.2
10	— — —	—	— —	—	—	— —	—	16 35	2.3	7 47	1.9
11	7 52 31	132	+19 57.3	− 3.1	54.5	0 34.9	2.03	17 32	2.4	8 30	1.6
12	8 44 35	128	+18 16.2	− 5.3	54.2	1 22.9	1.97	18 32	2.6	9 5	1.4
13	9 34 55	124	+15 45.5	− 7.2	54.1	2 9.1	1.89	19 34	2.6	9 36	1.2
14	10 23 32	120	+12 34.2	− 8.7	54.0	2 53.7	1.83	20 37	2.6	10 2	1.0
15	11 10 45	117	+ 8 51.7	− 9.8	54.1	3 36.8	1.78	21 40	2.6	10 25	0.9
16	11 57 7	115	+ 4 46.8	−10.6	54.4	4 19.1	1.76	22 44	2.7	10 47	0.9
17	12 43 22	116	+ 0 27.9	−11.0	54.8	5 1.3	1.77	23 48	2.7	11 8	0.9
18	13 30 22	119	− 3 56.6	−11.0	55.3	5 44.3	1.82	— —	—	11 30	0.9
19	14 19 3	125	− 8 17.1	−10.6	56.1	6 28.9	1.91	0 55	2.8	11 54	1.0
20	15 10 21	132	−12 22.2	− 9.7	56.9	7 16.1	2.04	2 3	2.9	12 21	1.2
21	16 5 8	142	−15 57.2	− 8.1	57.9	8 6.8	2.19	3 14	3.0	12 53	1.5
22	17 3 55	152	−18 43.9	− 5.6	58.9	9 1.5	2.36	4 25	2.9	13 33	1.9
23	18 6 34	161	−20 22.4	− 2.4	59.9	10 0.0	2.51	5 35	2.8	14 24	2.3
24	19 12 3	166	−20 35.1	+ 1.4	60.6	11 1.4	2.59	6 39	2.5	15 25	2.8
25	20 18 31	166	−19 13.6	+ 5.3	61.1	12 3.8	2.59	7 34	2.1	16 38	3.2
26	21 23 58	161	−16 22.6	+ 8.8	61.2	13 5.1	2.51	8 20	1.8	17 57	3.4
27	22 26 56	154	−12 19.5	+11.3	61.0	14 4.0	2.39	8 58	1.5	19 20	3.4
28	23 26 54	146	− 7 29.2	+12.7	60.5	14 59.8	2.27	9 30	1.3	20 41	3.3
29	0 24 5	140	− 2 17.2	+13.1	59.8	15 53.0	2.17	9 59	1.1	22 0	3.2
30	1 19 10	136	+ 2 53.8	+12.7	58.9	16 44.0	2.09	10 24	1.1	23 17	3.1
31	2 12 59	134	+ 7 45.6	+11.6	58.1	17 33.7	2.06	10 50	1.1	— —	—
Febr. 1	3 6 19	133	+12 4.1	+ 9.9	57.2	18 22.9	2.05	11 17	1.2	0 30	3.0
2	3 59 41	134	+15 38.1	+ 7.9	56.4	19 12.2	2.06	11 46	1.3	1 42	2.9
3	4 53 23	135	+18 19.1	+ 5.5	55.8	20 1.9	2.08	12 18	1.5	2 50	2.8
4	5 47 23	135	+20 1.0	+ 3.0	55.2	20 51.8	2.08	12 56	1.7	3 54	2.6
5	6 41 19	134	+20 40.6	+ 0.3	54.8	21 41.6	2.07	13 40	2.0	4 52	2.3
6	7 34 41	132	+20 17.9	− 2.2	54.4	22 30.9	2.03	14 30	2.2	5 44	2.0
7	8 26 57	129	+18 56.3	− 4.6	54.2	23 19.1	1.98	15 25	2.4	6 28	1.7
8	— — —	—	— —	—	—	— —	—	16 24	2.5	7 6	1.5
9	9 17 44	125	+16 42.1	− 6.6	54.0	0 5.8	1.91	17 25	2.6	7 38	1.2
10	10 6 55	121	+13 43.8	− 8.2	54.0	0 50.9	1.85	18 28	2.6	8 6	1.1

Tag	Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite	Alter
	0h Welt-Zeit										
1944	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°	d
Febr. 10	10 5 15	46 23	+13 50.5	3 25.5	53 58.2	1.2	14 43.8	0.3	148.461	+1.952	15.4
11	10 51 38	45 22	+10 25.0	3 50.3	53 59.4	6.9	14 44.1	1.9	160.272	+2.916	16.4
12	11 37 0	44 50	+ 6 34.7	4 6.5	54 6.3	13.3	14 46.0	3.6	172.115	+3.756	17.4
13	12 21 50	44 55	+ 2 28.2	4 14.1	54 19.6	20.3	14 49.6	5.6	184.029	+4.437	18.4
14	13 6 45	45 42	− 1 45.9	4 13.3	54 39.9	28.1	14 55.2	7.6	196.058	+4.930	19.4
15	13 52 27	47 14	− 5 59.2	4 3.0	55 8.0	36.3	15 2.8	9.9	208.256	+5.208	20.4
16	14 39 41	49 29	−10 2.2	3 42.2	55 44.3	44.2	15 12.7	12.1	220.678	+5.251	21.4
17	15 29 10	52 24	−13 44.4	3 8.8	56 28.5	51.0	15 24.8	13.9	233.386	+5.041	22.4
18	16 21 34	55 41	−16 53.2	2 20.9	57 19.5	55.7	15 38.7	15.1	246.440	+4.569	23.4
19	17 17 15	58 52	−19 14.1	1 17.9	58 15.2	56.8	15 53.8	15.5	259.892	+3.836	24.4
20	18 16 7	61 22	−20 32.0	0 1.6	59 12.0	53.0	16 9.3	14.5	273.777	+2.859	25.4
21	19 17 29	62 37	−20 33.6	1 22.2	60 5.0	43.7	16 23.8	11.9	288.099	+1.676	26.4
22	20 20 6	62 25	−19 11.4	2 44.1	60 48.7	28.7	16 35.7	7.8	302.822	+0.353	27.4
23	21 22 31	61 3	−16 27.3	3 54.1	61 17.4	9.6	16 43.5	2.6	317.861	−1.021	28.4
24	22 23 34	59 2	−12 33.2	4 43.8	61 27.0	11.0	16 46.1	3.0	333.086	−2.337	29.4
25	23 22 36	56 57	− 7 49.4	5 10.1	61 16.0	30.1	16 43.1	8.2	348.333	−3.487	0.9
26	0 19 33	55 14	− 2 39.3	5 12.9	60 45.9	44.9	16 34.9	12.2	3.430	−4.379	1.9
27	1 14 47	54 2	+ 2 33.6	4 55.4	60 1.0	54.1	16 22.7	14.8	18.223	−4.959	2.9
28	2 8 49	53 22	+ 7 29.0	4 22.2	59 6.9	57.7	16 7.9	15.7	32.604	−5.206	3.9
29	3 2 11	53 5	+11 51.2	3 36.9	58 9.2	56.4	15 52.2	15.4	46.514	−5.135	4.9
März 1	3 55 16	52 58	+15 28.1	2 43.8	57 12.8	51.4	15 36.8	14.0	59.948	−4.781	5.9
2	4 48 14	52 50	+18 11.9	1 45.8	56 21.4	44.2	15 22.8	12.0	72.938	−4.190	6.9
3	5 41 4	52 27	+19 57.7	0 45.9	55 37.2	35.8	15 10.8	9.8	85.545	−3.410	7.9
4	6 33 31	51 43	+20 43.6	0 13.1	55 1.4	27.4	15 1.0	7.4	97.842	−2.490	8.9
5	7 25 14	50 39	+20 30.5	1 9.0	54 34.0	19.1	14 53.6	5.2	109.907	−1.476	9.9
6	8 15 53	49 20	+19 21.5	1 59.4	54 14.9	11.5	14 48.4	3.2	121.817	−0.412	10.9
7	9 5 13	47 56	+17 22.1	2 43.2	54 3.4	4.8	14 45.2	1.3	133.637	+0.660	11.9
8	9 53 9	46 39	+14 38.9	3 19.2	53 58.6	1.1	14 43.9	0.3	145.427	+1.699	12.9
9	10 39 48	45 39	+11 19.7	3 46.8	53 59.7	6.4	14 44.2	1.8	157.234	+2.663	13.9
10	11 25 27	45 5	+ 7 32.9	4 5.7	54 6.1	11.2	14 46.0	3.0	169.095	+3.514	14.9
11	12 10 32	45 1	+ 3 27.2	4 15.7	54 17.3	16.1	14 49.0	4.4	181.040	+4.216	15.9
12	12 55 33	45 34	− 0 48.5	4 16.6	54 33.4	21.0	14 53.4	5.7	193.096	+4.735	16.9
13	13 41 7	46 44	− 5 5.1	4 7.4	54 54.4	26.1	14 59.1	7.2	205.286	+5.045	17.9
14	14 27 51	48 31	− 9 12.5	3 47.9	55 20.5	31.7	15 6.3	8.6	217.636	+5.125	18.9
15	15 16 22	50 51	−13 0.4	3 16.5	55 52.2	37.3	15 14.9	10.1	230.174	+4.962	19.9
16	16 7 13	53 34	−16 16.9	2 32.6	56 29.5	42.5	15 25.0	11.6	242.939	+4.553	20.9
17	17 0 47	56 17	−18 49.5	1 35.5	57 12.0	46.7	15 36.6	12.7	255.971	+3.902	21.9
18	17 57 4	58 39	−20 25.0	0 26.7	57 58.7	48.6	15 49.3	13.3	269.313	+3.026	22.9
19	18 55 43	60 10	−20 51.7	0 50.4	58 47.3	47.4	16 2.6	12.9	283.006	+1.957	23.9
20	19 55 53	60 38	−20 1.3	2 9.6	59 34.7	41.8	16 15.5	11.4	297.072	+0.742	24.9
21	20 56 31	60 8	−17 51.7	3 22.8	60 16.5	31.4	16 26.9	8.5	311.511	−0.549	25.9
22	21 56 39		−14 28.9		60 47.9		16 35.4		326.280	−1.830	26.9

Tag	Obere Kulmination in Greenwich: AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	0h Länge, + 50° Breite: Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1944	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Febr. 10	10 6 55	121	+13 43.8	− 8.2	54.0	0 50.9	1.85	18 28	2.6	8 6	1.1
11	10 54 39	118	+10 10.5	− 9.5	54.0	1 34.6	1.80	19 31	2.6	8 30	1.0
12	11 41 17	116	+ 6 11.8	−10.3	54.1	2 17.2	1.76	20 34	2.6	8 52	0.9
13	12 27 25	115	+ 1 56.9	−10.8	54.4	2 59.2	1.75	21 38	2.7	9 13	0.9
14	13 13 43	117	− 2 25.2	−10.9	54.7	3 41.5	1.78	22 43	2.7	9 35	0.9
15	14 1 0	120	− 6 44.9	−10.6	55.2	4 24.7	1.84	23 49	2.8	9 57	1.0
16	14 50 7	126	−10 52.2	− 9.9	55.9	5 9.8	1.93	— —	—	10 22	1.1
17	15 41 53	133	−14 34.9	− 8.6	56.7	5 57.5	2.06	0 57	2.8	10 51	1.3
18	16 37 2	142	−17 38.7	− 6.6	57.6	6 48.5	2.20	2 6	2.9	11 26	1.6
19	17 35 51	152	−19 46.8	− 3.9	58.6	7 43.3	2.36	3 14	2.8	12 9	2.0
20	18 38 6	159	−20 42.0	− 0.6	59.5	8 41.4	2.48	4 19	2.6	13 4	2.5
21	19 42 43	163	−20 10.6	+ 3.2	60.4	9 41.9	2.55	5 18	2.3	14 9	2.9
22	20 48 5	163	−18 7.7	+ 7.0	61.1	10 43.2	2.54	6 8	1.9	15 25	3.3
23	21 52 34	159	−14 40.6	+10.2	61.4	11 43.6	2.48	6 50	1.6	16 46	3.4
24	22 55 4	153	−10 7.8	+12.4	61.4	12 41.9	2.38	7 25	1.4	18 10	3.5
25	23 55 11	147	− 4 54.9	+13.5	61.0	13 38.0	2.29	7 56	1.2	19 33	3.4
26	0 53 10	143	+ 0 31.2	+13.5	60.3	14 31.9	2.21	8 24	1.1	20 53	3.3
27	1 49 34	140	+ 5 46.3	+12.6	59.4	15 24.2	2.15	8 50	1.1	22 12	3.2
28	2 45 1	138	+10 31.1	+11.0	58.5	16 15.5	2.13	9 17	1.2	23 27	3.1
29	3 40 2	137	+14 31.0	+ 8.9	57.5	17 6.5	2.12	9 46	1.3	— —	—
März 1	4 34 54	137	+17 36.0	+ 6.5	56.6	17 57.3	2.11	10 19	1.4	0 38	2.9
2	5 29 39	137	+19 39.9	+ 3.8	55.8	18 47.9	2.10	10 55	1.6	1 46	2.7
3	6 24 2	135	+20 39.7	+ 1.2	55.1	19 38.2	2.08	11 37	1.9	2 47	2.4
4	7 17 41	133	+20 36.0	− 1.4	54.6	20 27.8	2.05	12 25	2.1	3 41	2.1
5	8 10 11	130	+19 32.0	− 3.9	54.3	21 16.2	1.99	13 19	2.3	4 28	1.8
6	9 1 16	126	+17 33.5	− 6.0	54.1	22 3.2	1.93	14 17	2.5	5 8	1.5
7	9 50 48	122	+14 47.9	− 7.8	54.0	22 48.7	1.86	15 17	2.6	5 41	1.3
8	10 38 56	119	+11 23.7	− 9.2	54.0	23 32.8	1.81	16 20	2.6	6 10	1.1
9	— — —	—	— —	—	—	— —	—	17 23	2.6	6 35	1.0
10	11 25 57	117	+ 7 30.3	−10.2	54.1	0 15.7	1.77	18 26	2.7	6 57	0.9
11	12 12 21	116	+ 3 17.0	−10.8	54.3	0 58.1	1.76	19 30	2.7	7 19	0.9
12	12 58 42	116	− 1 6.5	−11.1	54.6	1 40.4	1.77	20 35	2.7	7 40	0.9
13	13 45 42	119	− 5 30.3	−10.8	54.9	2 23.3	1.81	21 41	2.8	8 1	0.9
14	14 34 3	123	− 9 43.6	−10.2	55.4	3 7.6	1.89	22 48	2.8	8 25	1.1
15	15 24 27	129	−13 34.8	− 9.0	56.0	3 53.9	1.98	23 56	2.8	8 52	1.2
16	16 17 32	136	−16 50.8	− 7.2	56.6	4 42.9	2.10	— —	—	9 24	1.5
17	17 13 38	144	−19 17.3	− 4.9	57.4	5 34.9	2.23	1 3	2.7	10 3	1.8
18	18 12 45	151	−20 39.5	− 1.9	58.2	6 30.0	2.35	2 7	2.6	10 51	2.2
19	19 14 17	156	−20 44.5	+ 1.5	59.0	7 27.4	2.43	3 6	2.3	11 50	2.6
20	20 17 12	158	−19 24.6	+ 5.1	59.8	8 26.2	2.46	3 58	2.0	12 58	3.0
21	21 20 13	157	−16 40.2	+ 8.5	60.5	9 25.1	2.44	4 42	1.7	14 15	3.3
22	22 22 19	154	−12 41.6	+11.3	61.0	10 23.1	2.39	5 20	1.4	15 37	3.4

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite	Alter
1944		h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°	d
März	22	21 56 39	58 57	−14 28.9	4 22.4	60 47.9	16.6	16 35.4	4.6	326.280	−1.830	26.9
	23	22 55 36	57 34	−10 6.5	5 2.2	61 4.5	1.4	16 40.0	0.4	341.291	−3.003	27.9
	24	23 53 10	56 20	− 5 4.3	5 19.4	61 3.1	19.9	16 39.6	5.4	356.411	−3.972	28.9
	25	0 49 30	55 29	+ 0 15.1	5 13.8	60 43.2	36.2	16 34.2	9.9	11.480	−4.659	0.5
	26	1 44 59	55 1	+ 5 28.9	4 47.7	60 7.0	48.4	16 24.3	13.2	26.332	−5.020	1.5
	27	2 40 0	54 50	+10 16.6	4 5.3	59 18.6	55.2	16 11.1	15.0	40.828	−5.047	2.5
	28	3 34 50	54 44	+14 21.9	3 11.0	58 23.4	56.8	15 56.1	15.5	54.875	−4.765	3.5
	29	4 29 34	54 28	+17 32.9	2 9.9	57 26.6	53.9	15 40.6	14.7	68.436	−4.219	4.5
	30	5 24 2	53 52	+19 42.8	1 6.1	56 32.7	47.5	15 25.9	12.9	81.523	−3.467	5.5
	31	6 17 54	52 52	+20 48.9	0 3.3	55 45.2	39.2	15 13.0	10.7	94.187	−2.566	6.5
April	1	7 10 46	51 30	+20 52.2	0 55.4	55 6.0	29.7	15 2.3	8.1	106.502	−1.567	7.5
	2	8 2 16	49 54	+19 56.8	1 48.2	54 36.3	19.9	14 54.2	5.4	118.556	−0.519	8.5
	3	8 52 10	48 20	+18 8.6	2 34.0	54 16.4	10.5	14 48.8	2.9	130.439	+0.536	9.5
	4	9 40 30	46 54	+15 34.6	3 12.1	54 5.9	2.0	14 45.9	0.5	142.236	+1.559	10.5
	5	10 27 24	45 50	+12 22.5	3 42.4	54 3.9	5.5	14 45.4	1.5	154.024	+2.512	11.5
	6	11 13 14	45 13	+ 8 40.1	4 4.3	54 9.4	11.9	14 46.9	3.2	165.866	+3.358	12.5
	7	11 58 27	45 9	+ 4 35.8	4 17.8	54 21.3	17.0	14 50.1	4.7	177.813	+4.062	13.5
	8	12 43 36	45 40	+ 0 18.0	4 21.8	54 38.3	21.2	14 54.8	5.7	189.901	+4.591	14.5
	9	13 29 16	46 47	− 4 3.8	4 15.7	54 59.5	24.3	15 0.5	6.7	202.152	+4.915	15.5
	10	14 16 3	48 28	− 8 19.5	3 58.3	55 23.8	27.1	15 7.2	7.3	214.580	+5.012	16.5
	11	15 4 31	50 37	−12 17.8	3 28.6	55 50.9	29.4	15 14.5	8.0	227.188	+4.867	17.5
	12	15 55 8	53 2	−15 46.4	2 45.8	56 20.3	31.6	15 22.5	8.6	239.981	+4.478	18.5
	13	16 48 10	55 26	−18 32.2	1 50.5	56 51.9	33.5	15 31.1	9.2	252.964	+3.852	19.5
	14	17 43 36	57 24	−20 22.7	0 44.1	57 25.4	35.0	15 40.3	9.5	266.151	+3.012	20.5
	15	18 41 0	58 37	−21 6.8	0 29.5	58 0.4	35.5	15 49.8	9.7	279.560	+1.992	21.5
	16	19 39 37	58 55	−20 37.3	1 45.3	58 35.9	34.3	15 59.5	9.3	293.213	+0.839	22.5
	17	20 38 32	58 26	−18 52.0	2 56.8	59 10.2	30.7	16 8.8	8.4	307.131	−0.385	23.5
	18	21 36 58	57 24	−15 55.2	3 57.9	59 40.9	24.0	16 17.2	6.5	321.321	−1.608	24.5
	19	22 34 22	56 18	−11 57.3	4 44.0	60 4.9	14.0	16 23.7	3.8	335.765	−2.749	25.5
	20	23 30 40	55 25	− 7 13.3	5 11.3	60 18.9	1.3	16 27.5	0.4	350.415	−3.724	26.5
	21	0 26 5	54 57	− 2 2.0	5 17.9	60 20.2	12.9	16 27.9	3.5	5.180	−4.457	27.5
	22	1 21 2	54 56	+ 3 15.9	5 3.8	60 7.3	26.7	16 24.4	7.3	19.941	−4.893	28.5
	23	2 15 58	55 14	+ 8 19.7	4 30.5	59 40.6	38.5	16 17.1	10.5	34.561	−5.002	0.1
	24	3 11 12	55 38	+12 50.2	3 41.3	59 2.1	46.5	16 6.6	12.6	48.912	−4.792	1.1
	25	4 6 50	55 49	+16 31.5	2 40.8	58 15.6	50.3	15 54.0	13.8	62.893	−4.296	2.1
	26	5 2 39	55 29	+19 12.3	1 34.2	57 25.3	49.8	15 40.2	13.5	76.448	−3.569	3.1
	27	5 58 8	54 34	+20 46.5	0 26.9	56 35.5	45.6	15 26.7	12.4	89.565	−2.670	4.1
	28	6 52 42	53 4	+21 13.4	0 36.8	55 49.9	38.6	15 14.3	10.6	102.273	−1.663	5.1
	29	7 45 46	51 12	+20 36.6	1 33.8	55 11.3	29.7	15 3.7	8.1	114.633	−0.601	6.1
	30	8 36 58	49 14	+19 2.8	2 22.8	54 41.6	19.7	14 55.6	5.3	126.724	+0.466	7.1
Mai	1	9 26 12	47 28	+16 40.0	3 3.4	54 21.9	9.6	14 50.3	2.6	138.635	+1.497	8.1
	2	10 13 40		+13 36.6		54 12.3		14 47.7		150.456	+2.455	9.1

Tag	Obere Kulmination in Greenwich: AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	0h Länge, + 50° Breite: Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1944	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
März 22	22 22 19	154	−12 41.6	+11.3	61.0	10 23.1	2.39	5 20	1.4	15 37	3.4
23	23 22 56	150	− 7 47.5	+13.1	61.1	11 19.6	2.32	5 52	1.3	16 59	3.4
24	0 22 2	146	− 2 22.0	+13.9	60.9	12 14.7	2.27	6 21	1.2	18 22	3.4
25	1 19 58	144	+ 3 9.0	+13.6	60.4	13 8.5	2.23	6 48	1.1	19 43	3.3
26	2 17 11	143	+ 8 21.4	+12.3	59.7	14 1.6	2.20	7 15	1.2	21 2	3.2
27	3 14 5	142	+12 54.8	+10.4	58.7	14 54.4	2.20	7 43	1.3	22 19	3.1
28	4 10 51	142	+16 34.2	+ 7.9	57.8	15 47.1	2.19	8 14	1.4	23 31	2.9
29	5 7 25	141	+19 9.8	+ 5.1	56.8	16 39.6	2.18	8 50	1.6	— —	—
30	6 3 27	139	+20 37.3	+ 2.2	56.0	17 31.6	2.15	9 31	1.8	0 37	2.6
31	6 58 29	136	+20 56.9	− 0.6	55.2	18 22.5	2.10	10 18	2.1	1 35	2.3
April 1	7 52 5	132	+20 12.3	− 3.1	54.7	19 12.0	2.03	11 11	2.3	2 26	1.9
2	8 43 58	127	+18 30.0	− 5.4	54.3	19 59.8	1.96	12 8	2.4	3 8	1.6
3	9 34 4	123	+15 57.8	− 7.3	54.1	20 45.9	1.88	13 8	2.5	3 44	1.4
4	10 22 35	120	+12 44.0	− 8.8	54.1	21 30.3	1.82	14 10	2.6	4 14	1.2
5	11 9 52	117	+ 8 57.4	−10.0	54.1	22 13.5	1.79	15 13	2.6	4 39	1.0
6	11 56 27	116	+ 4 47.0	−10.8	54.3	22 56.1	1.76	16 17	2.7	5 2	0.9
7	12 42 55	117	+ 0 21.9	−11.2	54.6	23 38.5	1.78	17 21	2.7	5 24	0.9
8	— — —	—	— —	—	—	— —	—	18 26	2.7	5 45	0.9
9	13 29 57	119	− 4 7.7	−11.2	55.0	0 21.4	1.81	19 33	2.8	6 6	0.9
10	14 18 13	123	− 8 30.9	−10.7	55.4	1 5.6	1.88	20 40	2.8	6 29	1.0
11	15 8 22	128	−12 35.2	− 9.6	55.9	1 51.7	1.97	21 48	2.8	6 55	1.2
12	16 0 55	135	−16 7.2	− 8.0	56.4	2 40.2	2.08	22 56	2.8	7 25	1.4
13	16 56 10	143	−18 52.2	− 5.7	56.9	3 31.4	2.19	— —	—	8 2	1.7
14	17 54 2	148	−20 36.1	− 2.9	57.5	4 25.2	2.29	0 2	2.6	8 46	2.1
15	18 53 59	152	−21 6.8	+ 0.4	58.1	5 21.0	2.35	1 2	2.4	9 41	2.5
16	19 55 5	153	−20 16.9	+ 3.8	58.8	6 18.0	2.38	1 55	2.0	10 44	2.8
17	20 56 17	152	−18 5.8	+ 7.1	59.3	7 15.1	2.37	2 40	1.7	11 56	3.1
18	21 56 41	150	−14 40.2	+ 9.9	59.8	8 11.4	2.32	3 18	1.5	13 13	3.3
19	22 55 52	146	−10 14.0	+12.1	60.2	9 6.5	2.27	3 51	1.3	14 33	3.3
20	23 53 52	144	− 5 5.7	+13.4	60.4	10 0.4	2.23	4 19	1.2	15 54	3.4
21	0 51 3	142	+ 0 22.7	+13.8	60.3	10 53.5	2.20	4 46	1.1	17 14	3.3
22	1 47 57	142	+ 5 47.9	+13.2	59.9	11 46.3	2.20	5 12	1.1	18 35	3.3
23	2 45 2	143	+10 47.6	+11.7	59.4	12 39.3	2.22	5 39	1.2	19 53	3.2
24	3 42 34	144	+15 2.0	+ 9.4	58.6	13 32.8	2.23	6 9	1.3	21 9	3.0
25	4 40 25	145	+18 16.0	+ 6.7	57.8	14 26.5	2.24	6 43	1.5	22 20	2.8
26	5 38 11	144	+20 20.3	+ 3.7	56.9	15 20.2	2.23	7 22	1.8	23 24	2.5
27	6 35 9	141	+21 11.9	+ 0.7	56.1	16 13.1	2.18	8 8	2.0	— —	—
28	7 30 38	136	+20 53.4	− 2.1	55.4	17 4.5	2.10	8 59	2.3	0 20	2.1
29	8 24 8	131	+19 31.7	− 4.6	54.8	17 53.9	2.01	9 56	2.4	1 6	1.8
30	9 15 28	126	+17 15.4	− 6.7	54.4	18 41.2	1.93	10 56	2.5	1 45	1.5
Mai 1	10 4 46	121	+14 14.2	− 8.4	54.2	19 26.4	1.85	11 58	2.6	2 17	1.2
2	10 52 28	118	+10 37.0	− 9.7	54.2	20 10.0	1.79	13 1	2.6	2 44	1.1

Tag	0ʰ Welt-Zeit										
	Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite	Alter
1944	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°	d
Mai 2	10 13 40	46 6	+13 36.6	3 35.9	54 12.3	0.4	14 47.7	0.1	150.456	+2.455	9.1
3	10 59 46	45 14	+10 0.7	4 0.5	54 12.7	9.5	14 47.8	2.6	162.277	+3.306	10.1
4	11 45 0	45 2	+ 6 0.2	4 16.9	54 22.2	17.3	14 50.4	4.7	174.173	+4.019	11.1
5	12 30 2	45 28	+ 1 43.3	4 24.9	54 39.5	23.5	14 55.1	6.4	186.211	+4.561	12.1
6	13 15 30	46 35	− 2 41.6	4 23.1	55 3.0	28.1	15 1.5	7.6	198.439	+4.903	13.1
7	14 2 5	48 22	− 7 4.7	4 10.0	55 31.1	30.7	15 9.1	8.4	210.890	+5.019	14.1
8	14 50 27	50 38	−11 14.7	3 44.2	56 1.8	31.6	15 17.5	8.6	223.576	+4.893	15.1
9	15 41 5	53 13	−14 58.9	3 4.0	56 33.4	31.2	15 26.1	8.5	236.493	+4.515	16.1
10	16 34 18	55 43	−18 2.9	2 9.8	57 4.6	29.5	15 34.6	8.0	249.628	+3.893	17.1
11	17 30 1	57 44	−20 12.7	1 3.3	57 34.1	27.2	15 42.6	7.5	262.959	+3.050	18.1
12	18 27 45	58 49	−21 16.0	0 11.3	58 1.3	24.5	15 50.1	6.6	276.466	+2.023	19.1
13	19 26 34	58 53	−21 4.7	1 27.7	58 25.8	21.6	15 56.7	5.9	290.132	+0.866	20.1
14	20 25 27	57 59	−19 37.0	2 39.3	58 47.4	18.3	16 2.6	5.0	303.950	−0.356	21.1
15	21 23 26	56 35	−16 57.7	3 40.8	59 5.7	14.3	16 7.6	3.9	317.913	−1.571	22.1
16	22 20 1	55 8	−13 16.9	4 28.0	59 20.0	9.3	16 11.5	2.5	332.016	−2.702	23.1
17	23 15 9	53 59	− 8 48.9	4 58.7	59 29.3	3.0	16 14.0	0.8	346.245	−3.677	24.1
18	0 9 8	53 25	− 3 50.2	5 11.8	59 32.3	4.8	16 14.8	1.3	0.566	−4.427	25.1
19	1 2 33	53 27	+ 1 21.6	5 6.4	59 27.5	13.5	16 13.5	3.6	14.926	−4.901	26.1
20	1 56 0	54 0	+ 6 28.0	4 43.0	59 14.0	22.5	16 9.9	6.2	29.252	−5.068	27.1
21	2 50 0	54 52	+11 11.0	4 2.8	58 51.5	30.7	16 3.7	8.3	43.454	−4.920	28.1
22	3 44 52	55 40	+15 13.8	3 8.4	58 20.8	37.2	15 55.4	10.2	57.443	−4.477	29.1
23	4 40 32	56 2	+18 22.2	2 4.2	57 43.6	40.9	15 45.2	11.1	71.143	−3.783	0.7
24	5 36 34	55 40	+20 26.4	0 55.3	57 2.7	41.6	15 34.1	11.4	84.505	−2.894	1.7
25	6 32 14	54 31	+21 21.7	0 12.3	56 21.1	39.3	15 22.7	10.6	97.507	−1.873	2.7
26	7 26 45	52 43	+21 9.4	1 14.4	55 41.8	34.1	15 12.1	9.3	110.163	−0.783	3.7
27	8 19 28	50 34	+19 55.0	2 8.1	55 7.7	26.6	15 2.8	7.3	122.513	+0.322	4.7
28	9 10 2	48 27	+17 46.9	2 52.3	54 41.1	17.7	14 55.5	4.8	134.617	+1.391	5.7
29	9 58 29	46 39	+14 54.6	3 27.4	54 23.4	7.6	14 50.7	2.1	146.552	+2.386	6.7
30	10 45 8	45 24	+11 27.2	3 53.9	54 15.8	2.6	14 48.6	0.7	158.401	+3.271	7.7
31	11 30 32	44 48	+ 7 33.3	4 12.7	54 18.4	12.8	14 49.3	3.5	170.251	+4.016	8.7
Juni 1	12 15 20	44 57	+ 3 20.6	4 23.4	54 31.2	22.0	14 52.8	6.0	182.186	+4.592	9.7
2	13 0 17	45 53	− 1 2.8	4 25.7	54 53.2	29.8	14 58.8	8.1	194.282	+4.972	10.7
3	13 46 10	47 34	− 5 28.5	4 17.8	55 23.0	35.6	15 6.9	9.7	206.604	+5.132	11.7
4	14 33 44	49 57	− 9 46.3	3 58.0	55 58.6	39.0	15 16.6	10.6	219.197	+5.049	12.7
5	15 23 41	52 49	−13 44.3	3 23.7	56 37.6	39.4	15 27.2	10.8	232.089	+4.712	13.7
6	16 16 30	55 47	−17 8.0	2 33.8	57 17.0	37.2	15 38.0	10.1	245.283	+4.118	14.7
7	17 12 17	58 22	−19 41.8	1 28.8	57 54.2	32.4	15 48.1	8.8	258.760	+3.285	15.7
8	18 10 39	59 58	−21 10.6	0 12.7	58 26.6	25.8	15 56.9	7.1	272.484	+2.246	16.7
9	19 10 37	60 16	−21 23.3	1 7.7	58 52.4	18.2	16 4.0	4.9	286.405	+1.057	17.7
10	20 10 53	59 18	−20 15.6	2 24.1	59 10.6	10.5	16 8.9	2.9	300.470	−0.210	18.7
11	21 10 11	57 31	−17 51.5	3 29.4	59 21.1	3.4	16 11.8	0.9	314.628	−1.475	19.7
12	22 7 42		−14 22.1		59 24.5		16 12.7		328.833	−2.654	20.7

Tag	Obere Kulmination in Greenwich: AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	0h Länge, + 50° Breite: Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1944	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Mai 2	10 52 28	118	+10 37.0	− 9.7	54.2	20 10.0	1.79	13 1	2.6	2 44	1.1
3	11 39 9	116	+ 6 32.6	−10.6	54.3	20 52.6	1.77	14 4	2.7	3 8	0.9
4	12 25 29	116	+ 2 9.7	−11.2	54.6	21 34.9	1.77	15 9	2.7	3 29	0.9
5	13 12 14	118	− 2 22.7	−11.4	55.0	22 17.6	1.80	16 14	2.7	3 50	0.9
6	14 0 10	122	− 6 54.1	−11.1	55.5	23 1.5	1.86	17 20	2.8	4 11	0.9
7	14 50 1	128	−11 12.6	−10.3	56.0	23 47.3	1.96	18 28	2.9	4 33	1.0
8	— — —	—	— —	—	—	— —	—	19 38	2.9	4 58	1.1
9	15 42 22	134	−15 4.0	− 8.9	56.6	0 35.6	2.07	20 47	2.9	5 26	1.3
10	16 37 35	142	−18 12.4	− 6.7	57.1	1 26.7	2.19	21 55	2.7	6 0	1.6
11	17 35 35	148	−20 22.0	− 4.0	57.6	2 20.6	2.30	22 58	2.5	6 43	2.0
12	18 35 44	152	−21 19.0	− 0.7	58.1	3 16.7	2.37	23 54	2.2	7 34	2.3
13	19 36 59	153	−20 54.8	+ 2.7	58.5	4 13.8	2.38	— —	—	8 36	2.7
14	20 38 3	152	−19 8.4	+ 6.1	58.9	5 10.8	2.35	0 42	1.8	9 45	3.0
15	21 37 59	148	−16 6.8	+ 9.0	59.2	6 6.6	2.29	1 21	1.5	11 0	3.2
16	22 36 16	144	−12 2.8	+11.2	59.4	7 0.8	2.23	1 54	1.3	12 17	3.2
17	23 33 0	140	− 7 13.2	+12.8	59.5	7 53.4	2.17	2 23	1.1	13 35	3.3
18	0 28 38	138	− 1 57.1	+13.5	59.5	8 45.0	2.14	2 49	1.1	14 54	3.3
19	1 23 53	138	+ 3 25.8	+13.3	59.4	9 36.2	2.13	3 14	1.0	16 12	3.3
20	2 19 27	140	+ 8 35.3	+12.3	59.1	10 27.6	2.16	3 40	1.0	17 30	3.2
21	3 15 48	142	+13 11.6	+10.6	58.6	11 19.9	2.20	4 7	1.2	18 46	3.1
22	4 13 8	144	+16 57.3	+ 8.1	58.0	12 13.2	2.24	4 38	1.4	20 0	3.0
23	5 11 10	145	+19 38.5	+ 5.2	57.4	13 7.1	2.25	5 15	1.6	21 8	2.7
24	6 9 11	144	+21 7.1	+ 2.1	56.6	14 1.0	2.23	5 57	1.9	22 8	2.3
25	7 6 16	141	+21 21.8	− 0.9	55.9	14 54.0	2.18	6 46	2.2	23 0	2.0
26	8 1 35	136	+20 27.1	− 3.6	55.3	15 45.2	2.09	7 42	2.4	23 43	1.6
27	8 54 37	130	+18 31.8	− 5.9	54.8	16 34.2	1.99	8 41	2.5	— —	—
28	9 45 15	124	+15 46.3	− 7.8	54.5	17 20.8	1.89	9 44	2.6	0 18	1.3
29	10 33 47	119	+12 21.1	− 9.2	54.3	18 5.2	1.82	10 47	2.6	0 47	1.1
30	11 20 47	116	+ 8 25.8	−10.3	54.3	18 48.2	1.77	11 50	2.6	1 12	1.0
31	12 6 57	115	+ 4 9.0	−11.0	54.5	19 30.3	1.75	12 54	2.7	1 34	0.9
Juni 1	12 53 8	116	− 0 20.8	−11.4	54.8	20 12.4	1.77	13 59	2.7	1 55	0.9
2	13 40 12	119	− 4 54.6	−11.4	55.3	20 55.4	1.83	15 4	2.8	2 15	0.9
3	14 29 1	125	− 9 21.9	−10.8	55.9	21 40.2	1.92	16 11	2.8	2 36	0.9
4	15 20 23	132	−13 29.9	− 9.7	56.6	22 27.5	2.03	17 21	2.9	3 0	1.0
5	16 14 55	140	−17 2.7	− 7.9	57.3	23 17.9	2.17	18 31	2.9	3 26	1.2
6	— — —	—	— —	—	—	— —	—	19 42	2.9	3 58	1.5
7	17 12 45	149	−19 42.8	− 5.3	57.9	0 11.7	2.30	20 49	2.7	4 37	1.8
8	18 13 28	155	−21 13.0	− 2.1	58.5	1 8.3	2.40	21 49	2.3	5 26	2.2
9	19 15 55	157	−21 20.6	+ 1.5	58.9	2 6.6	2.45	22 41	2.0	6 25	2.7
10	20 18 35	156	−20 1.2	+ 5.1	59.2	3 5.2	2.42	23 24	1.6	7 34	3.0
11	21 20 1	151	−17 20.5	+ 8.2	59.4	4 2.5	2.35	23 59	1.4	8 49	3.2
12	22 19 21	145	−13 32.1	+10.7	59.4	4 57.8	2.25	— —	—	10 6	3.2

Tag	0h Welt-Zeit										
	Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite	Alter
1944	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°	d
Juni 12	22 7 42	55 31	−14 22.1	4 19.1	59 24.5	2.9	16 12.7	0.8	328.833	−2.654	20.7
13	23 3 13	53 46	−10 3.0	4 51.6	59 21.6	8.1	16 11.9	2.2	343.048	−3.670	21.7
14	23 56 59	52 38	− 5 11.4	5 6.6	59 13.5	12.7	16 9.7	3.5	357.240	−4.460	22.7
15	0 49 37	52 14	− 0 4.8	5 4.6	59 0.8	17.0	16 6.2	4.6	11.377	−4.976	23.7
16	1 41 51	52 31	+ 4 59.8	4 46.5	58 43.8	21.0	16 1.6	5.7	25.424	−5.191	24.7
17	2 34 22	53 20	+ 9 46.3	4 13.0	58 22.8	24.9	15 55.9	6.8	39.345	−5.098	25.7
18	3 27 42	54 21	+13 59.3	3 25.7	57 57.9	28.5	15 49.1	7.7	53.098	−4.711	26.7
19	4 22 3	55 13	+17 25.0	2 27.0	57 29.4	31.4	15 41.4	8.6	66.643	−4.065	27.7
20	5 17 16	55 31	+19 52.0	1 21.0	56 58.0	33.1	15 32.8	9.0	79.945	−3.207	28.7
21	6 12 47	54 59	+21 13.0	0 12.9	56 24.9	33.2	15 23.8	9.0	92.981	−2.196	0.3
22	7 7 46	53 39	+21 25.9	0 52.2	55 51.7	31.2	15 14.8	8.6	105.742	−1.092	1.3
23	8 1 25	51 42	+20 33.7	1 50.1	55 20.5	27.4	15 6.2	7.4	118.237	+0.044	2.3
24	8 53 7	49 30	+18 43.6	2 38.7	54 53.1	21.5	14 58.8	5.9	130.494	+1.158	3.3
25	9 42 37	47 27	+16 4.9	3 17.2	54 31.6	13.9	14 52.9	3.8	142.555	+2.204	4.3
26	10 30 4	45 49	+12 47.7	3 46.2	54 17.7	5.0	14 49.1	1.3	154.478	+3.142	5.3
27	11 15 53	44 45	+ 9 1.5	4 6.6	54 12.7	4.9	14 47.8	1.3	166.330	+3.941	6.3
28	12 0 38	44 27	+ 4 54.9	4 19.1	54 17.6	15.2	14 49.1	4.1	178.187	+4.571	7.3
29	12 45 5	44 57	+ 0 35.8	4 23.7	54 32.8	25.2	14 53.2	6.9	190.128	+5.009	8.3
30	13 30 2	46 16	− 3 47.9	4 19.7	54 58.0	34.3	15 0.1	9.3	202.232	+5.232	9.3
Juli 1	14 16 18	48 25	− 8 7.6	4 5.3	55 32.3	41.7	15 9.4	11.4	214.573	+5.221	10.3
2	15 4 43	51 17	−12 12.9	3 38.3	56 14.0	46.8	15 20.8	12.8	227.214	+4.960	11.3
3	15 56 0	54 33	−15 51.2	2 56.1	57 0.8	48.4	15 33.6	13.1	240.200	+4.442	12.3
4	16 50 33	57 49	−18 47.3	1 57.5	57 49.2	46.1	15 46.7	12.6	253.556	+3.671	13.3
5	17 48 22	60 22	−20 44.8	0 44.0	58 35.3	39.9	15 59.3	10.9	267.277	+2.671	14.3
6	18 48 44	61 37	−21 28.8	0 38.6	59 15.2	30.2	16 10.2	8.2	281.328	+1.487	15.3
7	19 50 21	61 21	−20 50.2	2 1.8	59 45.4	18.0	16 18.4	4.9	295.647	+0.186	16.3
8	20 51 42	59 46	−18 48.4	3 15.6	60 3.4	5.2	16 23.3	1.4	310.150	−1.144	17.3
9	21 51 28	57 33	−15 32.8	4 13.0	60 8.6	7.0	16 24.7	1.9	324.742	−2.408	18.3
10	22 49 1	55 17	−11 19.8	4 50.8	60 1.6	17.0	16 22.8	4.6	339.327	−3.515	19.3
11	23 44 18	53 31	− 6 29.0	5 8.5	59 44.6	24.4	16 18.2	6.7	353.822	−4.390	20.3
12	0 37 49	52 28	− 1 20.5	5 8.1	59 20.2	29.2	16 11.5	7.9	8.158	−4.980	21.3
13	1 30 17	52 9	+ 3 47.6	4 51.2	58 51.0	31.5	16 3.6	8.6	22.287	−5.260	22.3
14	2 22 26	52 30	+ 8 38.8	4 19.9	58 19.5	32.4	15 55.0	8.8	36.182	−5.226	23.3
15	3 14 56	53 15	+12 58.7	3 36.0	57 47.1	32.3	15 46.2	8.8	49.827	−4.897	24.3
16	4 8 11	54 6	+16 34.7	2 41.5	57 14.8	31.4	15 37.4	8.6	63.222	−4.305	25.3
17	5 2 17	54 37	+19 16.2	1 39.2	56 43.4	30.4	15 28.8	8.3	76.368	−3.495	26.3
18	5 56 54	54 33	+20 55.4	0 33.2	56 13.0	29.0	15 20.5	7.9	89.277	−2.520	27.3
19	6 51 27	53 41	+21 28.6	0 32.0	55 44.0	27.0	15 12.6	7.3	101.959	−1.436	28.3
20	7 45 8	52 9	+20 56.6	1 32.2	55 17.0	24.4	15 5.3	6.6	114.429	−0.300	29.3
21	8 37 17	50 11	+19 24.4	2 24.2	54 52.6	20.5	14 58.7	5.7	126.706	+0.832	0.8
22	9 27 28	48 8	+17 0.2	3 6.2	54 32.1	15.6	14 53.0	4.2	138.817	+1.911	1.8
23	10 15 36		+13 54.0		54 16.5		14 48.8		150.792	+2.894	2.8

Tag	Obere Kulmination in Greenwich							0h Länge, + 50° Breite			
	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1944	h m s	s	° '	'	'	h m	m	h m	m	h m	m
Juni 12	22 19 21	145	−13 32.1	+10.7	59.4	4 57.8	2.25	— —	—	10 6	3.2
13	23 16 27	140	− 8 54.3	+12.3	59.3	5 50.8	2.17	0 29	1.2	11 24	3.2
14	0 11 46	137	− 3 46.6	+13.2	59.2	6 42.0	2.11	0 55	1.1	12 41	3.2
15	1 6 1	135	+ 1 31.8	+13.2	58.9	7 32.2	2.08	1 20	1.0	13 58	3.2
16	2 0 6	136	+ 6 42.6	+12.5	58.6	8 22.2	2.09	1 44	1.0	15 14	3.1
17	2 54 43	138	+11 28.2	+11.1	58.2	9 12.7	2.13	2 10	1.1	16 29	3.1
18	3 50 23	141	+15 32.1	+ 9.1	57.8	10 4.3	2.17	2 38	1.3	17 43	3.0
19	4 47 10	143	+18 39.9	+ 6.5	57.3	10 57.0	2.22	3 11	1.5	18 52	2.8
20	5 44 40	144	+20 40.4	+ 3.5	56.7	11 50.4	2.23	3 50	1.8	19 56	2.5
21	6 42 4	143	+21 28.2	+ 0.5	56.1	12 43.7	2.20	4 36	2.1	20 52	2.1
22	7 38 22	139	+21 4.0	− 2.4	55.6	13 35.9	2.14	5 29	2.3	21 39	1.8
23	8 32 46	133	+19 33.8	− 5.0	55.1	14 26.3	2.05	6 28	2.5	22 17	1.5
24	9 24 48	127	+17 7.8	− 7.1	54.6	15 14.2	1.95	7 28	2.6	22 49	1.2
25	10 14 28	121	+13 57.1	− 8.7	54.4	15 59.8	1.85	8 33	2.6	23 16	1.0
26	11 2 8	117	+10 12.6	− 9.9	54.2	16 43.4	1.79	9 36	2.7	23 39	0.9
27	11 48 27	115	+ 6 4.0	−10.7	54.3	17 25.7	1.74	10 40	2.7	— —	—
28	12 34 11	114	+ 1 39.9	−11.2	54.5	18 7.4	1.74	11 44	2.7	0 0	0.9
29	13 20 15	116	− 2 51.1	−11.3	54.9	18 49.4	1.77	12 48	2.7	0 20	0.8
30	14 7 34	121	− 7 20.1	−11.0	55.4	19 32.6	1.85	13 53	2.8	0 40	0.9
Juli 1	14 57 5	127	−11 36.5	−10.2	56.1	20 18.1	1.95	15 1	2.9	1 2	1.0
2	15 49 39	136	−15 26.8	− 8.8	56.9	21 6.6	2.09	16 11	2.9	1 26	1.1
3	16 45 50	145	−18 34.5	− 6.7	57.8	21 58.6	2.25	17 21	2.9	1 55	1.3
4	17 45 40	154	−20 40.9	− 3.7	58.6	22 54.4	2.39	18 31	2.8	2 30	1.7
5	18 48 26	159	−21 28.8	− 0.2	59.3	23 53.0	2.48	19 36	2.5	3 15	2.1
6	— — —	—	— —	—	—	— —	—	20 33	2.2	4 10	2.5
7	19 52 38	161	−20 47.1	+ 3.7	59.8	0 53.1	2.51	21 21	1.8	5 16	2.9
8	20 56 27	158	−18 35.6	+ 7.2	60.1	1 52.9	2.45	22 0	1.5	6 31	3.2
9	21 58 25	152	−15 5.4	+10.1	60.1	2 50.7	2.36	22 33	1.3	7 50	3.3
10	22 57 50	145	−10 36.1	+12.1	60.0	3 46.1	2.25	23 0	1.1	9 10	3.3
11	23 54 47	140	− 5 30.0	+13.2	59.7	4 38.9	2.16	23 25	1.0	10 30	3.3
12	0 49 54	136	− 0 9.2	+13.4	59.2	5 29.9	2.10	23 50	1.0	11 48	3.2
13	1 44 2	135	+ 5 6.7	+12.8	58.7	6 20.0	2.08	— —	—	13 4	3.1
14	2 38 2	135	+10 0.3	+11.5	58.2	7 9.9	2.10	0 15	1.1	14 19	3.1
15	3 32 36	137	+14 16.3	+ 9.7	57.6	8 0.4	2.12	0 42	1.2	15 32	3.0
16	4 28 4	140	+17 41.2	+ 7.3	57.1	8 51.8	2.16	1 13	1.4	16 42	2.8
17	5 24 24	142	+20 4.3	+ 4.6	56.5	9 44.0	2.19	1 49	1.6	17 46	2.6
18	6 21 4	141	+21 18.3	+ 1.6	56.0	10 36.6	2.19	2 31	1.9	18 45	2.3
19	7 17 17	139	+21 21.2	− 1.3	55.5	11 28.7	2.15	3 21	2.2	19 34	1.9
20	8 12 8	135	+20 16.3	− 4.0	55.1	12 19.5	2.08	4 17	2.4	20 16	1.6
21	9 5 1	129	+18 11.3	− 6.3	54.7	13 8.3	1.99	5 17	2.6	20 50	1.3
22	9 55 37	124	+15 16.7	− 8.1	54.4	13 54.9	1.89	6 20	2.6	21 18	1.1
23	10 44 5	119	+11 43.8	− 9.5	54.2	14 39.3	1.81	7 24	2.7	21 43	1.0

Tag	0h Welt-Zeit										
	Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite	Alter
1944	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°	d
Juli 23	10 15 36	46 20	+13 54.0	3 38.4	54 16.5	9.4	14 48.8	2.5	150.792	+2.894	2.8
24	11 1 56	44 58	+10 15.6	4 0.9	54 7.1	1.8	14 46.3	0.5	162.674	+3.743	3.8
25	11 46 54	44 15	+ 6 14.7	4 14.9	54 5.3	6.9	14 45.8	1.8	174.511	+4.428	4.8
26	12 31 9	44 16	+ 1 59.8	4 20.7	54 12.2	16.4	14 47.6	4.5	186.361	+4.925	5.8
27	13 15 25	45 5	− 2 20.9	4 18.5	54 28.6	26.2	14 52.1	7.1	198.291	+5.214	6.8
28	14 0 30	46 43	− 6 39.4	4 7.3	54 54.8	35.8	14 59.2	9.8	210.371	+5.278	7.8
29	14 47 13	49 9	−10 46.7	3 45.5	55 30.6	44.6	15 9.0	12.1	222.675	+5.104	8.8
30	15 36 22	52 14	−14 32.2	3 10.9	56 15.2	51.3	15 21.1	14.0	235.275	+4.684	9.8
31	16 28 36	55 40	−17 43.1	2 21.1	57 6.5	55.0	15 35.1	15.0	248.234	+4.017	10.8
Aug. 1	17 24 16	58 53	−20 4.2	1 15.6	58 1.5	54.5	15 50.1	14.9	261.600	+3.115	11.8
2	18 23 9	61 16	−21 19.8	0 3.3	58 56.0	49.2	16 5.0	13.4	275.395	+2.007	12.8
3	19 24 25	62 13	−21 16.5	1 28.7	59 45.2	38.8	16 18.4	10.5	289.605	+0.745	13.8
4	20 26 38	61 41	−19 47.8	2 50.9	60 24.0	24.2	16 28.9	6.6	304.180	−0.597	14.8
5	21 28 19	59 59	−16 56.9	4 0.0	60 48.2	7.1	16 35.5	1.9	319.026	−1.921	15.8
6	22 28 18	57 48	−12 56.9	4 48.9	60 55.3	10.0	16 37.4	2.7	334.017	−3.126	16.8
7	23 26 6	55 45	− 8 8.0	5 15.1	60 45.3	24.8	16 34.7	6.7	349.010	−4.115	17.8
8	0 21 51	54 13	− 2 52.9	5 19.2	60 20.5	35.9	16 28.0	9.8	3.868	−4.816	18.8
9	1 16 4	53 22	+ 2 26.3	5 4.1	59 44.6	42.5	16 18.2	11.6	18.476	−5.192	19.8
10	2 9 26	53 9	+ 7 30.4	4 32.9	59 2.1	45.2	16 6.6	12.3	32.754	−5.236	20.8
11	3 2 35	53 24	+12 3.3	3 48.6	58 16.9	44.6	15 54.3	12.2	46.664	−4.969	21.8
12	3 55 59	53 53	+15 51.9	2 54.4	57 32.3	41.8	15 42.1	11.3	60.202	−4.430	22.8
13	4 49 52	54 11	+18 46.3	1 53.2	56 50.5	37.8	15 30.8	10.3	73.390	−3.668	23.8
14	5 44 3	54 7	+20 39.5	0 48.2	56 12.7	33.2	15 20.5	9.1	86.267	−2.736	24.8
15	6 38 10	53 24	+21 27.7	0 16.4	55 39.5	28.5	15 11.4	7.8	98.877	−1.689	25.8
16	7 31 34	52 6	+21 11.3	1 17.1	55 11.0	24.0	15 3.6	6.5	111.266	−0.582	26.8
17	8 23 40	50 23	+19 54.2	2 11.0	54 47.0	19.5	14 57.1	5.3	123.478	+0.535	27.8
18	9 14 3	48 29	+17 43.2	2 55.9	54 27.5	14.9	14 51.8	4.1	135.549	+1.614	28.8
19	10 2 32	46 43	+14 47.3	3 31.0	54 12.6	10.0	14 47.7	2.7	147.514	+2.610	0.1
20	10 49 15	45 16	+11 16.3	3 56.4	54 2.6	4.6	14 45.0	1.2	159.403	+3.483	1.1
21	11 34 31	44 20	+ 7 19.9	4 12.5	53 58.0	1.6	14 43.8	0.4	171.248	+4.202	2.1
22	12 18 51	44 2	+ 3 7.4	4 19.8	53 59.6	8.8	14 44.2	2.4	183.082	+4.740	3.1
23	13 2 53	44 26	− 1 12.4	4 18.8	54 8.4	16.7	14 46.6	4.5	194.947	+5.074	4.1
24	13 47 19	45 33	− 5 31.2	4 8.9	54 25.1	25.4	14 51.1	7.0	206.888	+5.192	5.1
25	14 32 52	47 26	− 9 40.1	3 49.5	54 50.5	34.3	14 58.1	9.3	218.961	+5.082	6.1
26	15 20 18	49 59	−13 29.6	3 19.3	55 24.8	43.1	15 7.4	11.7	231.229	+4.740	7.1
27	16 10 17	53 1	−16 48.9	2 36.1	56 7.9	50.7	15 19.1	13.9	243.760	+4.167	8.1
28	17 3 18	56 12	−19 25.0	1 39.2	56 58.6	56.1	15 33.0	15.3	256.624	+3.372	9.1
29	17 59 30	59 1	−21 4.2	0 28.5	57 54.7	58.1	15 48.3	15.8	269.885	+2.376	10.1
30	18 58 31	60 53	−21 32.7	0 52.2	58 52.8	55.4	16 4.1	15.1	283.588	+1.213	11.1
31	19 59 24	61 30	−20 40.5	2 16.0	59 48.2	46.9	16 19.2	12.8	297.754	−0.060	12.1
Sept. 1	21 0 54	60 54	−18 24.5	3 33.5	60 35.1	33.2	16 32.0	9.0	312.358	−1.365	13.1
2	22 1 48		−14 51.0		61 8.3		16 41.0		327.326	−2.606	14.1

Tag	Obere Kulmination in Greenwich							0ʰ Länge, + 50° Breite			
	AR.	Änderung für 1ʰ westl. Länge	Dekl.	Änderung für 1ʰ westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1ʰ westl. Länge	Aufgang	Änderung für 1ʰ westl. Länge	Untergang	Änderung für 1ʰ westl. Länge
1944	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Juli 23	10 44 5	119	+11 43.8	− 9.5	54.2	14 39.3	1.81	7 24	2.7	21 43	1.0
24	11 30 51	115	+ 7 43.4	−10.5	54.1	15 22.0	1.75	8 28	2.6	22 4	0.9
25	12 16 33	114	+ 3 25.2	−11.0	54.1	16 3.6	1.73	9 31	2.6	22 25	0.8
26	13 2 0	114	− 1 2.0	−11.2	54.4	16 45.0	1.73	10 35	2.7	22 44	0.8
27	13 48 4	117	− 5 29.6	−11.0	54.8	17 27.0	1.78	11 39	2.7	23 5	0.9
28	14 35 41	122	− 9 48.3	−10.4	55.4	18 10.6	1.86	12 44	2.8	23 28	1.0
29	15 25 46	129	−13 47.1	− 9.4	56.1	18 56.6	1.98	13 51	2.8	23 54	1.2
30	16 19 8	138	−17 12.6	− 7.6	57.0	19 45.9	2.13	15 1	2.9	— —	—
31	17 16 17	148	−19 48.1	− 5.2	57.9	20 38.9	2.29	16 10	2.8	0 25	1.5
Aug. 1	18 17 8	156	−21 15.6	− 2.0	58.8	21 35.7	2.43	17 16	2.7	1 4	1.8
2	19 20 46	161	−21 19.1	+ 1.8	59.7	22 35.2	2.51	18 18	2.4	1 54	2.3
3	20 25 36	162	−19 50.0	+ 5.6	60.4	23 35.9	2.53	19 10	2.0	2 54	2.8
4	— — —	—	— —	—	—	— —	—	19 55	1.7	4 6	3.2
5	21 29 50	158	−16 51.7	+ 9.1	60.8	0 36.1	2.47	20 31	1.4	5 26	3.4
6	22 32 9	153	−12 39.3	+11.8	60.9	1 34.3	2.38	21 1	1.2	6 48	3.4
7	23 32 0	147	− 7 36.0	+13.3	60.7	2 30.0	2.27	21 28	1.1	8 11	3.4
8	0 29 36	142	− 2 7.6	+13.9	60.3	3 23.5	2.19	21 54	1.1	9 32	3.3
9	1 25 35	139	+ 3 21.9	+13.4	59.6	4 15.4	2.14	22 19	1.1	10 51	3.3
10	2 20 44	138	+ 8 31.6	+12.2	58.9	5 6.5	2.13	22 46	1.2	12 8	3.2
11	3 15 48	138	+13 4.6	+10.4	58.1	5 57.5	2.13	23 15	1.3	13 22	3.0
12	4 11 14	139	+16 47.3	+ 8.1	57.3	6 48.8	2.15	23 50	1.6	14 34	2.9
13	5 7 11	140	+19 29.4	+ 5.4	56.6	7 40.7	2.17	— —	—	15 40	2.7
14	6 3 22	140	+21 4.2	+ 2.5	56.0	8 32.8	2.17	0 30	1.8	16 40	2.3
15	6 59 13	139	+21 28.9	− 0.4	55.5	9 24.6	2.14	1 17	2.1	17 32	2.0
16	7 54 1	135	+20 45.5	− 3.2	55.0	10 15.3	2.08	2 10	2.3	18 15	1.7
17	8 47 9	130	+18 59.9	− 5.6	54.6	11 4.3	2.00	3 9	2.5	18 51	1.4
18	9 38 14	125	+16 21.3	− 7.6	54.3	11 51.4	1.92	4 11	2.6	19 21	1.2
19	10 27 17	120	+13 0.2	− 9.1	54.1	12 36.3	1.83	5 14	2.7	19 47	1.0
20	11 14 32	116	+ 9 7.6	−10.2	54.0	13 19.5	1.77	6 18	2.7	20 9	0.9
21	12 0 30	114	+ 4 53.7	−10.9	54.0	14 1.4	1.73	7 22	2.6	20 30	0.9
22	12 45 50	113	+ 0 28.4	−11.2	54.1	14 42.7	1.72	8 25	2.6	20 49	0.8
23	13 31 18	114	− 3 59.1	−11.1	54.3	15 24.1	1.74	9 29	2.7	21 9	0.9
24	14 17 43	118	− 8 19.9	−10.6	54.7	16 6.5	1.80	10 33	2.7	21 31	0.9
25	15 5 55	123	−12 23.8	− 9.7	55.2	16 50.6	1.89	11 38	2.8	21 55	1.1
26	15 56 43	131	−15 59.6	− 8.2	55.9	17 37.4	2.01	12 45	2.8	22 23	1.3
27	16 50 46	140	−18 53.5	− 6.2	56.8	18 27.3	2.15	13 52	2.8	22 57	1.6
28	17 48 22	148	−20 50.1	− 3.4	57.7	19 20.8	2.30	14 59	2.7	23 40	2.0
29	18 49 15	156	−21 33.4	− 0.1	58.7	20 17.6	2.42	16 1	2.5	— —	—
30	19 52 26	160	−20 50.6	+ 3.7	59.7	21 16.7	2.49	16 57	2.2	0 34	2.5
31	20 56 30	160	−18 36.9	+ 7.4	60.5	22 16.7	2.49	17 45	1.8	1 39	2.9
Sept. 1	21 59 58	157	−14 58.6	+10.7	61.1	23 16.0	2.44	18 25	1.5	2 55	3.3
2	— — —	—	— —	—	—	— —	—	18 58	1.3	4 17	3.5

Tag	0ʰ Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite	Alter
1944	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°	d
Sept. 2	22 1 48	59 30	−14 51.0	4 35.5	61 8.3	14.9	16 41.0	4.1	327.326	−2.606	14.1
3	23 1 18	57 50	−10 15.5	5 15.7	61 23.2	5.0	16 45.1	1.4	342.532	−3.681	15.1
4	23 59 8	56 23	− 4 59.8	5 31.4	61 18.2	24.1	16 43.7	6.6	357.809	−4.498	16.1
5	0 55 31	55 24	+ 0 31.6	5 23.7	60 54.1	39.3	16 37.1	10.7	12.977	−4.991	17.1
6	1 50 55	54 58	+ 5 55.3	4 55.3	60 14.8	49.6	16 26.4	13.5	27.875	−5.135	18.1
7	2 45 53	54 54	+10 50.6	4 10.9	59 25.2	54.3	16 12.9	14.8	42.382	−4.944	19.1
8	3 40 47	55 2	+15 1.5	3 14.4	58 30.9	54.3	15 58.1	14.8	56.433	−4.457	20.1
9	4 35 49	55 1	+18 15.9	2 10.8	57 36.6	50.9	15 43.3	13.8	70.016	−3.731	21.1
10	5 30 50	54 38	+20 26.7	1 3.7	56 45.7	44.9	15 29.5	12.3	83.161	−2.828	22.1
11	6 25 28	53 44	+21 30.4	0 2.5	56 0.8	38.0	15 17.2	10.3	95.924	−1.808	23.1
12	7 19 12	52 19	+21 27.9	1 4.6	55 22.8	30.7	15 6.9	8.4	108.375	−0.727	24.1
13	8 11 31	50 33	+20 23.3	1 59.9	54 52.1	23.5	14 58.5	6.4	120.587	+0.366	25.1
14	9 2 4	48 40	+18 23.4	2 46.7	54 28.6	16.8	14 52.1	4.6	132.627	+1.425	26.1
15	9 50 44	46 55	+15 36.7	3 24.4	54 11.8	10.7	14 47.5	2.9	144.554	+2.409	27.1
16	10 37 39	45 29	+12 12.3	3 52.5	54 1.1	5.0	14 44.6	1.4	156.417	+3.280	28.1
17	11 23 8	44 30	+ 8 19.8	4 11.4	53 56.1	0.3	14 43.2	0.1	168.256	+4.005	29.1
18	12 7 38	44 5	+ 4 8.4	4 21.2	53 56.4	5.6	14 43.3	1.6	180.100	+4.556	0.5
19	12 51 43	44 17	− 0 12.8	4 22.0	54 2.0	11.3	14 44.9	3.0	191.977	+4.910	1.5
20	13 36 0	45 8	− 4 34.8	4 13.7	54 13.3	17.3	14 47.9	4.8	203.911	+5.051	2.5
21	14 21 8	46 37	− 8 48.5	3 55.5	54 30.6	24.0	14 52.7	6.5	215.931	+4.970	3.5
22	15 7 45	48 42	−12 44.0	3 27.1	54 54.6	31.0	14 59.2	8.4	228.072	+4.665	4.5
23	15 56 27	51 13	−16 11.1	2 47.0	55 25.6	38.2	15 7.6	10.4	240.377	+4.141	5.5
24	16 47 40	53 57	−18 58.1	1 55.0	56 3.8	45.2	15 18.0	12.3	252.900	+3.410	6.5
25	17 41 37	56 29	−20 53.1	0 50.8	56 49.0	50.8	15 30.3	13.9	265.701	+2.493	7.5
26	18 38 6	58 27	−21 43.9	0 22.9	57 39.8	54.2	15 44.2	14.8	278.844	+1.421	8.5
27	19 36 33	59 31	−21 21.0	1 42.1	58 34.0	54.0	15 59.0	14.7	292.386	+0.239	9.5
28	20 36 4	59 37	−19 38.9	2 59.9	59 28.0	49.0	16 13.7	13.3	306.367	−0.993	10.5
29	21 35 41	58 59	−16 39.0	4 8.6	60 17.0	38.7	16 27.0	10.6	320.795	−2.199	11.5
30	22 34 40	58 2	−12 30.4	5 0.9	60 55.7	23.1	16 37.6	6.3	335.628	−3.289	12.5
Okt. 1	23 32 42	57 7	− 7 29.5	5 31.7	61 18.8	4.0	16 43.9	1.1	350.769	−4.170	13.5
2	0 29 49	56 33	− 1 57.8	5 38.1	61 22.8	16.0	16 45.0	4.4	6.066	−4.762	14.5
3	1 26 22	56 25	+ 3 40.3	5 20.3	61 6.8	34.1	16 40.6	9.3	21.333	−5.013	15.5
4	2 22 47	56 36	+ 9 0.6	4 41.3	60 32.7	47.8	16 31.3	13.0	36.385	−4.911	16.5
5	3 19 23	56 51	+13 41.9	3 45.5	59 44.9	55.9	16 18.3	15.3	51.066	−4.485	17.5
6	4 16 14	56 53	+17 27.4	2 38.8	58 49.0	58.4	16 3.0	15.9	65.279	−3.790	18.5
7	5 13 7	56 22	+20 6.2	1 27.0	57 50.6	56.1	15 47.1	15.3	78.987	−2.896	19.5
8	6 9 29	55 14	+21 33.2	0 16.0	56 54.5	50.5	15 31.8	13.7	92.207	−1.873	20.5
9	7 4 43	53 30	+21 49.2	0 50.3	56 4.0	42.6	15 18.1	11.6	104.992	−0.787	21.5
10	7 58 13	51 24	+20 58.9	1 48.6	55 21.4	33.6	15 6.5	9.2	117.421	+0.307	22.5
11	8 49 37	49 15	+19 10.3	2 38.0	54 47.8	24.5	14 57.3	6.7	129.580	+1.363	23.5
12	9 38 52	47 15	+16 32.3	3 17.8	54 23.3	15.8	14 50.6	4.2	141.552	+2.340	24.5
13	10 26 7		+13 14.5		54 7.5		14 46.4		153.417	+3.205	25.5

Tag	Obere Kulmination in Greenwich: AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	0h Länge, + 50° Breite: Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1944	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Sept. 2	— — —	—	— —	— —	—	— —	—	18 58	1.3	4 17	3.5
3	23 1 52	152	−10 12.7	+13.0	61.4	0 13.8	2.37	19 27	1.2	5 41	3.5
4	0 1 54	148	− 4 44.0	+14.2	61.3	1 9.8	2.30	19 54	1.1	7 6	3.5
5	1 0 19	144	+ 1 0.1	+14.3	60.9	2 4.1	2.24	20 20	1.1	8 29	3.4
6	1 57 42	143	+ 6 33.6	+13.3	60.2	2 57.4	2.21	20 47	1.2	9 49	3.3
7	2 54 39	142	+11 34.1	+11.5	59.3	3 50.2	2.20	21 16	1.3	11 8	3.2
8	3 51 36	143	+15 44.4	+ 9.2	58.3	4 43.1	2.20	21 49	1.5	12 23	3.0
9	4 48 40	143	+18 52.3	+ 6.4	57.4	5 36.1	2.21	22 28	1.7	13 33	2.8
10	5 45 39	142	+20 50.5	+ 3.4	56.5	6 29.0	2.19	23 13	2.0	14 35	2.4
11	6 42 3	140	+21 36.5	+ 0.4	55.8	7 21.3	2.16	— —	—	15 30	2.1
12	7 37 16	136	+21 12.5	− 2.4	55.2	8 12.4	2.10	0 5	2.3	16 16	1.7
13	8 30 45	131	+19 44.2	− 4.9	54.7	9 1.8	2.02	1 2	2.5	16 54	1.4
14	9 22 12	126	+17 20.3	− 7.0	54.3	9 49.2	1.93	2 3	2.6	17 25	1.2
15	10 11 37	121	+14 10.7	− 8.7	54.1	10 34.6	1.85	3 6	2.6	17 52	1.0
16	10 59 13	117	+10 25.8	−10.0	54.0	11 18.1	1.78	4 10	2.7	18 15	0.9
17	11 45 29	114	+ 6 15.8	−10.8	53.9	12 0.3	1.74	5 14	2.7	18 35	0.8
18	12 30 58	113	+ 1 50.8	−11.2	54.0	12 41.7	1.72	6 17	2.7	18 55	0.8
19	13 16 21	114	− 2 39.4	−11.2	54.1	13 23.1	1.73	7 21	2.7	19 14	0.8
20	14 2 20	116	− 7 5.3	−10.8	54.4	14 5.0	1.77	8 25	2.7	19 35	0.9
21	14 49 41	121	−11 16.5	−10.0	54.7	14 48.3	1.84	9 30	2.7	19 58	1.0
22	15 39 3	127	−15 2.2	− 8.7	55.2	15 33.6	1.94	10 36	2.8	20 24	1.2
23	16 31 4	134	−18 10.0	− 6.9	55.8	16 21.5	2.06	11 42	2.7	20 55	1.5
24	17 26 4	141	−20 26.5	− 4.4	56.6	17 12.4	2.18	12 48	2.7	21 33	1.8
25	18 24 1	148	−21 38.0	− 1.4	57.4	18 6.3	2.30	13 50	2.5	22 21	2.2
26	19 24 21	153	−21 32.1	+ 2.0	58.4	19 2.5	2.38	14 47	2.2	23 20	2.7
27	20 26 7	155	−20 1.4	+ 5.6	59.3	20 0.2	2.41	15 36	1.9	— —	—
28	21 28 11	155	−17 5.8	+ 9.0	60.2	20 58.2	2.41	16 18	1.6	0 29	3.0
29	22 29 37	152	−12 54.3	+11.8	60.9	21 55.5	2.37	16 54	1.4	1 46	3.3
30	23 29 58	150	− 7 44.6	+13.8	61.3	22 51.8	2.32	17 24	1.2	3 8	3.5
Okt. 1	0 29 18	147	− 2 0.9	+14.7	61.4	23 47.0	2.29	17 51	1.1	4 32	3.5
2	— — —	—	— —	—	—	— —	—	18 18	1.1	5 57	3.5
3	1 28 0	147	+ 3 49.9	+14.4	61.1	0 41.6	2.27	18 44	1.2	7 21	3.5
4	2 26 33	147	+ 9 20.8	+13.0	60.5	1 36.0	2.27	19 13	1.3	8 43	3.4
5	3 25 20	147	+14 8.3	+10.8	59.7	2 30.7	2.29	19 45	1.5	10 3	3.2
6	4 24 22	148	+17 54.3	+ 7.9	58.7	3 25.7	2.29	20 23	1.7	11 18	3.0
7	5 23 22	147	+20 27.3	+ 4.8	57.7	4 20.6	2.28	21 7	2.0	12 26	2.7
8	6 21 41	144	+21 42.7	+ 1.5	56.7	5 14.8	2.23	21 57	2.2	13 26	2.3
9	7 18 33	140	+21 42.4	− 1.5	55.9	6 7.6	2.16	22 54	2.4	14 16	1.9
10	8 13 22	134	+20 33.0	− 4.2	55.2	6 58.3	2.06	23 54	2.6	14 56	1.5
11	9 5 49	128	+18 24.0	− 6.5	54.6	7 46.7	1.97	— —	—	15 29	1.3
12	9 55 54	122	+15 26.0	− 8.3	54.3	8 32.7	1.87	0 57	2.6	15 57	1.1
13	10 43 57	118	+11 49.4	− 9.7	54.1	9 16.7	1.80	2 1	2.7	16 20	0.9

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite	Alter
1944	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°	d
Okt. 13	10 26 7	45 41	+13 14.5	3 48.3	54 7.5	7.7	14 46.4	2.2	153.417	+3.205	25.5
14	11 11 48	44 37	+ 9 26.2	4 9.9	53 59.8	0.7	14 44.2	0.1	165.240	+3.927	26.5
15	11 56 25	44 8	+ 5 16.3	4 22.7	53 59.1	5.5	14 44.1	1.5	177.075	+4.479	27.5
16	12 40 33	44 17	+ 0 53.6	4 26.5	54 4.6	10.8	14 45.6	2.9	188.962	+4.837	28.5
17	13 24 50	45 5	− 3 32.9	4 20.8	54 15.4	15.5	14 48.5	4.2	200.930	+4.985	29.5
18	14 9 55	46 28	− 7 53.7	4 5.0	54 30.9	19.7	14 52.7	5.4	212.999	+4.911	0.8
19	14 56 23	48 23	−11 58.7	3 38.2	54 50.6	23.9	14 58.1	6.5	225.185	+4.613	1.8
20	15 44 46	50 39	−15 36.9	2 59.7	55 14.5	28.2	15 4.6	7.7	237.502	+4.096	2.8
21	16 35 25	53 3	−18 36.6	2 9.2	55 42.7	32.5	15 12.3	8.8	249.973	+3.377	3.8
22	17 28 28	55 14	−20 45.8	1 7.7	56 15.2	36.9	15 21.1	10.1	262.625	+2.481	4.8
23	18 23 42	56 51	−21 53.5	0 2.6	56 52.1	40.9	15 31.2	11.1	275.498	+1.441	5.8
24	19 20 33	57 41	−21 50.9	1 17.5	57 33.0	43.5	15 42.3	11.9	288.636	+0.303	6.8
25	20 18 14	57 44	−20 33.4	2 31.9	58 16.5	44.3	15 54.2	12.1	302.087	−0.879	7.8
26	21 15 58	57 10	−18 1.5	3 40.1	59 0.8	41.9	16 6.3	11.4	315.891	−2.040	8.8
27	22 13 8	56 25	−14 21.4	4 36.3	59 42.7	35.4	16 17.7	9.6	330.069	−3.108	9.8
28	23 9 33	55 49	− 9 45.1	5 16.1	60 18.1	24.6	16 27.3	6.7	344.606	−4.002	10.8
29	0 5 22	55 36	− 4 29.0	5 35.7	60 42.7	10.0	16 34.0	2.8	359.442	−4.646	11.8
30	1 0 58	55 56	+ 1 6.7	5 32.6	60 52.7	6.9	16 36.8	1.9	14.467	−4.980	12.8
31	1 56 54	56 41	+ 6 39.3	5 6.6	60 45.8	24.0	16 34.9	6.6	29.531	−4.970	13.8
Nov. 1	2 53 35	57 36	+11 45.9	4 19.4	60 21.8	38.7	16 28.3	10.5	44.465	−4.621	14.8
2	3 51 11	58 16	+16 5.3	3 15.5	59 43.1	49.2	16 17.8	13.4	59.115	−3.971	15.8
3	4 49 27	58 19	+19 20.8	2 1.5	58 53.9	54.7	16 4.4	14.9	73.365	−3.086	16.8
4	5 47 46	57 26	+21 22.3	0 44.6	57 59.2	55.2	15 49.5	15.1	87.150	−2.043	17.8
5	6 45 12	55 40	+22 6.9	0 28.4	57 4.0	51.4	15 34.4	14.0	100.460	−0.920	18.8
6	7 40 52	53 17	+21 38.5	1 33.0	56 12.6	44.5	15 20.4	12.1	113.330	+0.216	19.8
7	8 34 9	50 41	+20 5.5	2 27.0	55 28.1	35.6	15 8.3	9.7	125.822	+1.311	20.8
8	9 24 50	48 13	+17 38.5	3 10.1	54 52.5	25.7	14 58.6	7.0	138.019	+2.320	21.8
9	10 13 3	46 13	+14 28.4	3 43.0	54 26.8	15.5	14 51.6	4.2	150.009	+3.209	22.8
10	10 59 16	44 50	+10 45.4	4 6.8	54 11.3	5.8	14 47.4	1.6	161.879	+3.949	23.8
11	11 44 6	44 6	+ 6 38.6	4 22.0	54 5.5	3.1	14 45.8	0.9	173.710	+4.516	24.8
12	12 28 12	44 8	+ 2 16.6	4 29.0	54 8.6	10.8	14 46.7	2.9	185.572	+4.890	25.8
13	13 12 20	44 52	− 2 12.4	4 26.9	54 19.4	17.1	14 49.6	4.6	197.521	+5.054	26.8
14	13 57 12	46 16	− 6 39.3	4 15.1	54 36.5	21.8	14 54.2	6.0	209.599	+4.995	27.8
15	14 43 28	48 16	−10 54.4	3 51.8	54 58.3	25.1	15 0.2	6.8	221.833	+4.706	28.8
16	15 31 44	50 39	−14 46.2	3 16.0	55 23.4	27.4	15 7.0	7.5	234.240	+4.192	0.1
17	16 22 23	53 10	−18 2.2	2 27.1	55 50.8	28.6	15 14.5	7.8	246.824	+3.467	1.1
18	17 15 33	55 22	−20 29.3	1 26.0	56 19.4	29.3	15 22.3	8.0	259.588	+2.557	2.1
19	18 10 55	56 54	−21 55.3	0 15.6	56 48.7	29.7	15 30.3	8.1	272.533	+1.500	3.1
20	19 7 49	57 30	−22 10.9	0 59.3	57 18.4	29.9	15 38.4	8.1	285.667	+0.346	4.1
21	20 5 19	57 9	−21 11.6	2 13.1	57 48.3	29.8	15 46.5	8.1	299.001	−0.847	5.1
22	21 2 28	56 11	−18 58.5	3 20.2	58 18.1	29.0	15 54.6	7.9	312.552	−2.013	6.1
23	21 58 39		−15 38.3		58 47.1		16 2.5		326.338	−3.083	7.1

Tag	Obere Kulmination in Greenwich							0^h Länge, $+50°$ Breite			
	AR.	Änderung für 1^h westl. Länge	Dekl.	Änderung für 1^h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1^h westl. Länge	Aufgang	Änderung für 1^h westl. Länge	Untergang	Änderung für 1^h westl. Länge
1944	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Okt. 13	10 43 57	118	+11 49.4	− 9.7	54.1	9 16.7	1.80	2 1	2.7	16 20	0.9
14	11 30 27	115	+ 7 44.4	−10.7	54.0	9 59.2	1.75	3 5	2.7	16 42	0.8
15	12 16 4	113	+ 3 20.5	−11.3	54.0	10 40.7	1.73	4 9	2.7	17 1	0.8
16	13 1 28	114	− 1 12.7	−11.4	54.2	11 22.1	1.73	5 13	2.7	17 21	0.8
17	13 47 22	116	− 5 45.3	−11.2	54.4	12 3.9	1.76	6 17	2.7	17 40	0.9
18	14 34 27	120	−10 6.9	−10.5	54.7	12 46.9	1.83	7 22	2.7	18 2	1.0
19	15 23 24	125	−14 5.8	− 9.3	55.1	13 31.8	1.92	8 29	2.8	18 27	1.1
20	16 14 42	132	−17 29.5	− 7.6	55.5	14 19.0	2.02	9 36	2.8	18 56	1.4
21	17 8 38	138	−20 4.8	− 5.3	56.0	15 8.9	2.13	10 42	2.7	19 32	1.7
22	18 5 7	144	−21 38.4	− 2.5	56.7	16 1.3	2.23	11 45	2.5	20 16	2.0
23	19 3 41	148	−21 59.3	+ 0.8	57.3	16 55.8	2.30	12 43	2.3	21 10	2.4
24	20 3 26	150	−21 0.4	+ 4.2	58.1	17 51.4	2.33	13 33	1.9	22 13	2.8
25	21 3 28	150	−18 40.5	+ 7.5	58.9	18 47.4	2.33	14 16	1.6	23 25	3.1
26	22 2 59	148	−15 5.3	+10.4	59.6	19 42.8	2.29	14 53	1.4	— —	—
27	23 1 40	146	−10 26.8	+12.7	60.2	20 37.4	2.26	15 23	1.2	0 42	3.3
28	23 59 37	144	− 5 2.9	+14.1	60.7	21 31.2	2.23	15 50	1.1	2 3	3.4
29	0 57 18	144	+ 0 44.3	+14.6	60.9	22 24.8	2.24	16 16	1.1	3 25	3.4
30	1 55 18	146	+ 6 30.0	+14.0	60.8	23 18.7	2.26	16 41	1.1	4 48	3.5
31	— — —	—	— —	—	—	— —	—	17 9	1.2	6 11	3.5
Nov. 1	2 54 7	148	+11 48.5	+12.4	60.4	0 13.5	2.30	17 39	1.4	7 34	3.4
2	3 53 58	151	+16 16.2	+ 9.8	59.7	1 9.2	2.34	18 14	1.6	8 53	3.2
3	4 54 33	152	+19 34.5	+ 6.6	58.8	2 5.7	2.36	18 56	1.9	10 8	2.9
4	5 55 6	151	+21 32.2	+ 3.2	57.9	3 2.1	2.33	19 45	2.2	11 14	2.5
5	6 54 31	146	+22 7.1	− 0.2	56.9	3 57.5	2.27	20 41	2.4	12 10	2.1
6	7 51 50	140	+21 24.6	− 3.2	56.0	4 50.7	2.16	21 42	2.6	12 55	1.7
7	8 46 24	133	+19 35.1	− 5.8	55.3	5 41.2	2.04	22 45	2.7	13 32	1.4
8	9 38 4	126	+16 50.9	− 7.8	54.7	6 28.8	1.93	23 50	2.7	14 1	1.1
9	10 27 10	120	+13 24.2	− 9.3	54.4	7 13.8	1.83	— —	—	14 26	1.0
10	11 14 14	116	+ 9 25.9	−10.5	54.1	7 56.8	1.76	0 54	2.7	14 48	0.9
11	12 0 1	114	+ 5 5.6	−11.2	54.1	8 38.6	1.73	1 58	2.7	15 8	0.8
12	12 45 19	113	+ 0 32.4	−11.5	54.2	9 19.8	1.72	3 2	2.7	15 27	0.8
13	13 30 56	115	− 4 4.6	−11.5	54.4	10 1.4	1.75	4 6	2.7	15 46	0.8
14	14 17 41	119	− 8 35.5	−11.0	54.8	10 44.0	1.81	5 11	2.7	16 7	0.9
15	15 6 16	124	−12 48.9	−10.0	55.2	11 28.6	1.90	6 18	2.8	16 30	1.1
16	15 57 18	131	−16 31.6	− 8.4	55.6	12 15.5	2.01	7 26	2.8	16 58	1.3
17	16 51 5	138	−19 29.3	− 6.3	56.1	13 5.2	2.13	8 34	2.8	17 31	1.6
18	17 47 31	144	−21 27.4	− 3.5	56.6	13 57.6	2.23	9 39	2.6	18 13	1.9
19	18 46 3	148	−22 13.7	− 0.3	57.1	14 52.0	2.30	10 40	2.4	19 4	2.3
20	19 45 39	149	−21 40.4	+ 3.1	57.6	15 47.5	2.32	11 33	2.0	20 4	2.7
21	20 45 12	148	−19 46.4	+ 6.4	58.2	16 43.0	2.30	12 18	1.7	21 13	3.0
22	21 43 51	145	−16 37.4	+ 9.3	58.7	17 37.5	2.25	12 55	1.4	22 28	3.2
23	22 41 11	142	−12 25.1	+11.6	59.1	18 30.8	2.20	13 27	1.2	23 45	3.3

Tag	Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite	Alter
	0ʰ Welt-Zeit										
1944	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°	d
Nov. 23	21 58 39	55 1	−15 38.3	4 16.0	58 47.1	26.8	16 2.5	7.3	326.338	−3.083	7.1
24	22 53 40	54 3	−11 22.3	4 57.4	59 13.9	22.7	16 9.8	6.2	340.367	−3.989	8.1
25	23 47 43	53 38	− 6 24.9	5 22.3	59 36.6	16.2	16 16.0	4.4	354.629	−4.664	9.1
26	0 41 21	53 54	− 1 2.6	5 28.4	59 52.8	7.1	16 20.4	2.0	9.089	−5.054	10.1
27	1 35 15	54 49	+ 4 25.8	5 14.6	59 59.9	4.2	16 22.4	1.2	23.679	−5.122	11.1
28	2 30 4	56 12	+ 9 40.4	4 40.2	59 55.7	16.5	16 21.2	4.5	38.304	−4.858	12.1
29	3 26 16	57 39	+14 20.6	3 46.8	59 39.2	28.5	16 16.7	7.7	52.848	−4.282	13.1
30	4 23 55	58 39	+18 7.4	2 38.0	59 10.7	38.3	16 9.0	10.5	67.195	−3.441	14.1
Dez. 1	5 22 34	58 43	+20 45.4	1 20.8	58 32.4	45.0	15 58.5	12.2	81.245	−2.404	15.1
2	6 21 17	57 39	+22 6.2	0 2.6	57 47.4	47.7	15 46.3	13.0	94.931	−1.251	16.1
3	7 18 56	55 30	+22 8.8	1 9.4	56 59.7	46.5	15 33.3	12.7	108.222	−0.059	17.1
4	8 14 26	52 47	+20 59.4	2 10.5	56 13.2	41.8	15 20.6	11.4	121.125	+1.104	18.1
5	9 7 13	49 56	+18 48.9	2 59.2	55 31.4	34.6	15 9.2	9.4	133.675	+2.184	19.1
6	9 57 9	47 25	+15 49.7	3 36.0	54 56.8	25.3	14 59.8	6.9	145.934	+3.138	20.1
7	10 44 34	45 28	+12 13.7	4 2.1	54 31.5	15.1	14 52.9	4.1	157.977	+3.936	21.1
8	11 30 2	44 17	+ 8 11.6	4 19.3	54 16.4	4.5	14 48.8	1.3	169.885	+4.554	22.1
9	12 14 19	43 53	+ 3 52.3	4 28.3	54 11.9	5.8	14 47.5	1.6	181.742	+4.975	23.1
10	12 58 12	44 20	− 0 36.0	4 29.2	54 17.7	15.2	14 49.1	4.2	193.628	+5.184	24.1
11	13 42 32	45 34	− 5 5.2	4 21.2	54 32.9	23.3	14 53.3	6.3	205.617	+5.170	25.1
12	14 28 6	47 32	− 9 26.4	4 3.1	54 56.2	29.4	14 59.6	8.0	217.769	+4.925	26.1
13	15 15 38	50 7	−13 29.5	3 32.5	55 25.6	33.4	15 7.6	9.1	230.131	+4.448	27.1
14	16 5 45	52 58	−17 2.0	2 48.2	55 59.0	34.9	15 16.7	9.6	242.733	+3.748	28.1
15	16 58 43	55 41	−19 50.2	1 49.7	56 33.9	34.3	15 26.3	9.3	255.590	+2.845	29.1
16	17 54 24	57 43	−21 39.9	0 39.0	57 8.2	31.7	15 35.6	8.6	268.698	+1.775	0.4
17	18 52 7	58 40	−22 18.9	0 38.6	57 39.9	27.5	15 44.2	7.5	282.040	+0.587	1.4
18	19 50 47	58 23	−21 40.3	1 56.3	58 7.4	22.8	15 51.7	6.2	295.593	−0.654	2.4
19	20 49 10	57 8	−19 44.0	3 7.0	58 30.2	17.7	15 57.9	4.8	309.327	−1.875	3.4
20	21 46 18	55 26	−16 37.0	4 5.0	58 47.9	13.0	16 2.7	3.6	323.212	−3.000	4.4
21	22 41 44	53 50	−12 32.0	4 47.5	59 0.9	8.6	16 6.3	2.3	337.221	−3.957	5.4
22	23 35 34	52 44	− 7 44.5	5 13.1	59 9.5	4.4	16 8.6	1.2	351.325	−4.682	6.4
23	0 28 18	52 24	− 2 31.4	5 21.5	59 13.9	0.1	16 9.8	0.0	5.496	−5.127	7.4
24	1 20 42	52 51	+ 2 50.1	5 12.5	59 13.8	5.1	16 9.8	1.4	19.701	−5.260	8.4
25	2 13 33	54 0	+ 8 2.6	4 45.9	59 8.7	10.9	16 8.4	2.9	33.900	−5.074	9.4
26	3 7 33	55 34	+12 48.5	4 2.0	58 57.8	17.3	16 5.5	4.8	48.045	−4.580	10.4
27	4 3 7	57 6	+16 50.5	3 2.6	58 40.5	23.9	16 0.7	6.5	62.079	−3.815	11.4
28	5 0 13	58 1	+19 53.1	1 51.4	58 16.6	30.0	15 54.2	8.2	75.945	−2.833	12.4
29	5 58 14	57 57	+21 44.5	0 34.5	57 46.6	34.8	15 46.0	9.4	89.591	−1.703	13.4
30	6 56 11	56 39	+22 19.0	0 40.8	57 11.8	37.4	15 36.6	10.2	102.973	−0.498	14.4
31	7 52 50	54 25	+21 38.2	1 48.2	56 34.4	37.5	15 26.4	10.2	116.067	+0.708	15.4
32	8 47 15		+19 50.0		55 56.9		15 16.2		128.865	+1.852	16.4

Tag	Obere Kulmination in Greenwich: AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	0h Länge, + 50° Breite: Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1944	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Nov. 23	22 41 11	142	−12 25.1	+11.6	59.1	18 30.8	2.20	13 27	1.2	23 45	3.3
24	23 37 22	139	− 7 24.6	+13.3	59.5	19 22.9	2.15	13 54	1.1	— —	—
25	0 32 57	139	− 1 54.0	+14.1	59.8	20 14.4	2.14	14 19	1.0	1 4	3.3
26	1 28 42	140	+ 3 46.5	+14.1	60.0	21 6.0	2.17	14 43	1.0	2 24	3.3
27	2 25 24	144	+ 9 14.9	+13.1	59.9	21 58.7	2.22	15 8	1.1	3 44	3.4
28	3 23 36	148	+14 8.6	+11.2	59.7	22 52.8	2.29	15 35	1.2	5 5	3.4
29	4 23 27	151	+18 5.8	+ 8.4	59.2	23 48.5	2.35	16 7	1.4	6 25	3.3
30	— — —	—	— —	—	—	— —	—	16 45	1.7	7 43	3.1
Dez. 1	5 24 25	153	+20 49.2	+ 5.1	58.5	0 45.4	2.38	17 30	2.1	8 54	2.8
2	6 25 26	151	+22 8.9	+ 1.5	57.7	1 42.3	2.35	18 24	2.4	9 57	2.4
3	7 25 8	147	+22 4.5	− 1.8	56.9	2 37.9	2.27	19 24	2.6	10 48	1.9
4	8 22 21	139	+20 43.8	− 4.8	56.1	3 31.1	2.15	20 28	2.7	11 30	1.6
5	9 16 29	131	+18 19.7	− 7.1	55.4	4 21.1	2.02	21 34	2.7	12 3	1.2
6	10 7 30	124	+15 6.2	− 8.9	54.8	5 8.0	1.90	22 39	2.7	12 30	1.0
7	10 55 51	118	+11 16.5	−10.2	54.4	5 52.3	1.80	23 44	2.7	12 53	0.9
8	11 42 16	114	+ 7 1.9	−11.0	54.2	6 34.7	1.74	— —	—	13 13	0.8
9	12 27 36	113	+ 2 31.7	−11.5	54.2	7 16.0	1.71	0 48	2.7	13 32	0.8
10	13 12 48	114	− 2 5.5	−11.6	54.4	7 57.1	1.73	1 52	2.7	13 51	0.8
11	13 58 46	117	− 6 40.7	−11.3	54.7	8 39.0	1.78	2 57	2.7	14 11	0.9
12	14 46 24	122	−11 4.2	−10.6	55.1	9 22.6	1.87	4 3	2.8	14 33	1.0
13	15 36 29	129	−15 3.8	− 9.3	55.7	10 8.6	1.98	5 11	2.8	14 59	1.2
14	16 29 35	137	−18 25.2	− 7.4	56.2	10 57.6	2.11	6 19	2.9	15 30	1.4
15	17 25 51	144	−20 52.4	− 4.8	56.9	11 49.8	2.24	7 27	2.8	16 8	1.8
16	18 24 52	150	−22 10.0	− 1.6	57.4	12 44.7	2.33	8 32	2.5	16 56	2.2
17	19 25 33	153	−22 6.6	+ 1.9	57.9	13 41.3	2.37	9 29	2.2	17 55	2.6
18	20 26 30	152	−20 38.3	+ 5.4	58.4	14 38.2	2.35	10 18	1.9	19 3	3.0
19	21 26 25	148	−17 50.0	+ 8.5	58.7	15 34.0	2.29	10 58	1.5	20 17	3.1
20	22 24 31	143	−13 54.2	+11.0	59.0	16 28.0	2.21	11 31	1.3	21 34	3.2
21	23 20 45	139	− 9 7.6	+12.7	59.1	17 20.2	2.14	12 0	1.1	22 52	3.3
22	0 15 35	136	− 3 48.7	+13.7	59.2	18 10.9	2.10	12 24	1.0	— —	—
23	1 9 49	136	+ 1 43.5	+13.9	59.2	19 1.1	2.10	12 48	1.0	0 10	3.3
24	2 4 22	138	+ 7 10.0	+13.2	59.2	19 51.5	2.13	13 11	1.0	1 28	3.3
25	3 0 5	141	+12 11.6	+11.8	59.0	20 43.2	2.18	13 36	1.1	2 46	3.3
26	3 57 31	146	+16 28.8	+ 9.5	58.7	21 36.5	2.26	14 5	1.3	4 5	3.2
27	4 56 40	150	+19 43.9	+ 6.6	58.3	22 31.6	2.33	14 39	1.6	5 21	3.1
28	5 56 56	151	+21 42.8	+ 3.2	57.8	23 27.7	2.35	15 20	1.9	6 34	2.9
29	— — —	—	— —	—	—	— —	—	16 10	2.2	7 41	2.6
30	6 57 8	149	+22 18.9	− 0.2	57.2	0 23.8	2.31	17 7	2.5	8 38	2.2
31	7 55 52	144	+21 33.9	− 3.5	56.5	1 18.5	2.23	18 10	2.7	9 24	1.8
32	8 52 3	137	+19 37.3	− 6.2	55.9	2 10.6	2.11	19 16	2.8	10 2	1.4

Phasen des Mondes

1944		Welt-Zeit h	m		1944		Welt-Zeit h	m	
Jan.	2	20	4	Erstes Viertel	Juli	6	4	27	Vollmond
	10	10	9	Vollmond		12	20	39	Letztes Viertel
	18	15	32	Letztes Viertel		20	5	42	Neumond
	25	15	24	Neumond		28	9	23	Erstes Viertel
Febr.	1	7	8	Erstes Viertel	Aug.	4	12	39	Vollmond
	9	5	29	Vollmond		11	2	52	Letztes Viertel
	17	7	42	Letztes Viertel		18	20	25	Neumond
	24	1	59	Neumond		26	23	39	Erstes Viertel
März	1	20	40	Erstes Viertel	Sept.	2	20	21	Vollmond
	10	0	28	Vollmond		9	12	3	Letztes Viertel
	17	20	5	Letztes Viertel		17	12	37	Neumond
	24	11	36	Neumond		25	12	7	Erstes Viertel
	31	12	34	Erstes Viertel	Okt.	2	4	22	Vollmond
April	8	17	22	Vollmond		9	1	12	Letztes Viertel
	16	4	59	Letztes Viertel		17	5	35	Neumond
	22	20	43	Neumond		24	22	48	Erstes Viertel
	30	6	6	Erstes Viertel		31	13	35	Vollmond
Mai	8	7	28	Vollmond	Nov.	7	18	28	Letztes Viertel
	15	11	12	Letztes Viertel		15	22	29	Neumond
	22	6	12	Neumond		23	7	53	Erstes Viertel
	30	0	6	Erstes Viertel		30	0	52	Vollmond
Juni	6	18	58	Vollmond	Dez.	7	14	57	Letztes Viertel
	13	15	56	Letztes Viertel		15	14	34	Neumond
	20	17	0	Neumond		22	15	54	Erstes Viertel
	28	17	27	Erstes Viertel		29	14	38	Vollmond

Mond in Erdnähe

1944		Welt-Zeit h
Jan.	26	11
Febr.	23	23
März	23	10
April	20	14
Mai	17	22
Juni	12	0
Juli	8	22
Aug.	5	22
Sept.	3	6
Okt.	1	17
Okt.	30	2
Nov.	27	4
Dez.	23	12

Mond in Erdferne

1944		Welt-Zeit h
Jan.	14	0
Febr.	10	7
März	8	7
April	4	18
Mai	2	11
Mai	30	6
Juni	27	0
Juli	24	17
Aug.	21	6
Sept.	17	11
Okt.	14	14
Nov.	11	3
Dez.	8	22

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944	h m s	m s	° ′ ″	′ ″			h m
Jan. 0	19 46 56.44	0 49.02	−20 57 33.0	16 25.5	0.800 454	22 940	13 10.2
1	19 46 7.42	1 38.85	20 41 7.5	15 3.3	0.777 514	21 503	13 5.0
2	19 44 28.57	2 28.68	20 26 4.2	13 29.8	0.756 011	19 737	12 59.0
3	19 41 59.89	3 16.81	20 12 34.4	11 47.8	0.736 274	17 651	12 52.2
4	19 38 43.08	4 1.26	20 0 46.6	10 0.5	0.718 623	15 265	12 44.6
5	19 34 41.82	4 39.93	19 50 46.1	8 11.5	0.703 358	12 623	12 36.3
6	19 30 1.89	5 10.84	−19 42 34.6	6 23.8	0.690 735	9 778	12 27.5
7	19 24 51.05	5 32.33	19 36 10.8	4 39.6	0.680 957	6 803	12 18.2
8	19 19 18.72	5 43.31	19 31 31.2	3 0.6	0.674 154	3 774	12 8.7
9	19 13 35.41	5 43.37	19 28 30.6	1 27.1	0.670 380	775	11 59.1
10	19 7 52.04	5 32.95	19 27 3.5	0 0.5	0.669 605	2 119	11 49.5
11	19 2 19.09	5 13.08	19 27 4.0	1 22.2	0.671 724	4 843	11 40.3
12	18 57 6.01	4 45.37	−19 28 26.2	2 38.3	0.676 567	7 345	11 31.4
13	18 52 20.64	4 11.65	19 31 4.5	3 48.3	0.683 912	9 591	11 23.0
14	18 48 8.99	3 33.79	19 34 52.8	4 52.0	0.693 503	11 563	11 15.2
15	18 44 35.20	2 53.59	19 39 44.8	5 48.6	0.705 066	13 255	11 8.0
16	18 41 41.61	2 12.54	19 45 33.4	6 37.5	0.718 321	14 676	11 1.5
17	18 39 29.07	1 31.83	19 52 10.9	7 18.0	0.732 997	15 843	10 55.7
18	18 37 57.24	0 52.39	−19 59 28.9	7 50.0	0.748 840	16 774	10 50.5
19	18 37 4.85	0 14.82	20 7 18.9	8 12.7	0.765 614	17 496	10 46.0
20	18 36 50.03	0 20.49	20 15 31.6	8 26.9	0.783 110	18 031	10 42.1
21	18 37 10.52	0 53.33	20 23 58.5	8 32.1	0.801 141	18 403	10 38.8
22	18 38 3.85	1 23.65	20 32 30.6	8 29.2	0.819 544	18 638	10 36.0
23	18 39 27.50	1 51.46	20 40 59.8	8 18.3	0.838 182	18 752	10 33.6
24	18 41 18.96	2 16.87	−20 49 18.1	8 0.3	0.856 934	18 767	10 31.7
25	18 43 35.83	2 40.00	20 57 18.4	7 35.4	0.875 701	18 699	10 30.2
26	18 46 15.83	3 1.03	21 4 53.8	7 4.7	0.894 400	18 560	10 29.1
27	18 49 16.86	3 20.12	21 11 58.5	6 28.2	0.912 960	18 365	10 28.3
28	18 52 36.98	3 37.42	21 18 26.7	5 46.7	0.931 325	18 123	10 27.9
29	18 56 14.40	3 53.13	21 24 13.4	5 0.9	0.949 448	17 845	10 27.7
30	19 0 7.53	4 7.36	−21 29 14.3	4 11.1	0.967 293	17 535	10 27.7
31	19 4 14.89	4 20.27	21 33 25.4	3 17.7	0.984 828	17 202	10 28.0
Febr. 1	19 8 35.16	4 31.98	21 36 43.1	2 21.2	1.002 030	16 851	10 28.5
2	19 13 7.14	4 42.64	21 39 4.3	1 21.8	1.018 881	16 485	10 29.1
3	19 17 49.78	4 52.32	21 40 26.1	0 19.9	1.035 366	16 109	10 30.0
4	19 22 42.10	5 1.13	21 40 46.0	0 44.0	1.051 475	15 725	10 31.0
5	19 27 43.23	5 9.15	−21 40 2.0	1 50.2	1.067 200	15 336	10 32.1
6	19 32 52.38	5 16.46	21 38 11.8	2 57.8	1.082 536	14 944	10 33.4
7	19 38 8.84	5 23.14	21 35 14.0	4 7.0	1.097 480	14 549	10 34.8
8	19 43 31.98	5 29.24	21 31 7.0	5 17.6	1.112 029	14 156	10 36.3
9	19 49 1.22	5 34.80	21 25 49.4	6 29.5	1.126 185	13 761	10 37.8
10	19 54 36.02		−21 19 19.9		1.139 946		10 39.5

Tag	0ʰ Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944	h m s	m s	° ′ ″	′ ″			h m
Febr. 10	19 54 36.02	5 39.90	−21 19 19.9	7 42.2	1.139 946	13 369	10 39.5
11	20 0 15.92	5 44.57	21 11 37.7	8 56.0	1.153 315	12 977	10 41.3
12	20 6 0.49	5 48.85	21 2 41.7	10 10.6	1.166 292	12 588	10 43.1
13	20 11 49.34	5 52.78	20 52 31.1	11 25.8	1.178 880	12 201	10 45.0
14	20 17 42.12	5 56.39	20 41 5.3	12 41.8	1.191 081	11 815	10 47.0
15	20 23 38.51	5 59.73	20 28 23.5	13 58.2	1.202 896	11 432	10 49.0
16	20 29 38.24	6 2.79	−20 14 25.3	15 15.0	1.214 328	11 050	10 51.1
17	20 35 41.03	6 5.64	19 59 10.3	16 32.5	1.225 378	10 670	10 53.2
18	20 41 46.67	6 8.27	19 42 37.8	17 50.0	1.236 048	10 291	10 55.4
19	20 47 54.94	6 10.73	19 24 47.8	19 8.1	1.246 339	9 912	10 57.6
20	20 54 5.67	6 13.01	19 5 39.7	20 26.3	1.256 251	9 532	10 59.9
21	21 0 18.68	6 15.15	18 45 13.4	21 44.6	1.265 783	9 152	11 2.2
22	21 6 33.83	6 17.16	−18 23 28.8	23 3.2	1.274 935	8 771	11 4.5
23	21 12 50.99	6 19.07	18 0 25.6	24 21.9	1.283 706	8 386	11 6.9
24	21 19 10.06	6 20.89	17 36 3.7	25 40.7	1.292 092	7 998	11 9.3
25	21 25 30.95	6 22.64	17 10 23.0	26 59.5	1.300 090	7 607	11 11.7
26	21 31 53.59	6 24.32	16 43 23.5	28 18.4	1.307 697	7 209	11 14.1
27	21 38 17.91	6 25.97	16 15 5.1	29 37.2	1.314 906	6 805	11 16.6
28	21 44 43.88	6 27.60	−15 45 27.9	30 56.0	1.321 711	6 393	11 19.1
29	21 51 11.48	6 29.20	15 14 31.9	32 14.8	1.328 104	5 971	11 21.6
März 1	21 57 40.68	6 30.81	14 42 17.1	33 33.4	1.334 075	5 537	11 24.2
2	22 4 11.49	6 32.44	14 8 43.7	34 51.9	1.339 612	5 091	11 26.8
3	22 10 43.93	6 34.09	13 33 51.8	36 10.1	1.344 703	4 630	11 29.4
4	22 17 18.02	6 35.78	12 57 41.7	37 28.2	1.349 333	4 150	11 32.1
5	22 23 53.80	6 37.52	−12 20 13.5	38 45.8	1.353 483	3 652	11 34.7
6	22 30 31.32	6 39.30	11 41 27.7	40 3.1	1.357 135	3 131	11 37.4
7	22 37 10.62	6 41.16	11 1 24.6	41 19.8	1.360 266	2 586	11 40.2
8	22 43 51.78	6 43.06	10 20 4.8	42 35.8	1.362 852	2 013	11 42.9
9	22 50 34.84	6 45.05	9 37 29.0	43 51.1	1.364 865	1 410	11 45.7
10	22 57 19.89	6 47.10	8 53 37.9	45 5.4	1.366 275	774	11 48.5
11	23 4 6.99	6 49.22	− 8 8 32.5	46 18.5	1.367 049	100	11 51.4
12	23 10 56.21	6 51.40	7 22 14.0	47 30.1	1.367 149	613	11 54.3
13	23 17 47.61	6 53.62	6 34 43.9	48 40.0	1.366 536	1 368	11 57.3
14	23 24 41.23	6 55.88	5 46 3.9	49 47.6	1.365 168	2 171	12 0.2
15	23 31 37.11	6 58.16	4 56 16.3	50 52.8	1.362 997	3 021	12 3.2
16	23 38 35.27	7 0.42	4 5 23.5	51 55.0	1.359 976	3 924	12 6.3
17	23 45 35.69	7 2.63	− 3 13 28.5	52 53.4	1.356 052	4 879	12 9.4
18	23 52 38.32	7 4.74	2 20 35.1	53 47.6	1.351 173	5 890	12 12.5
19	23 59 43.06	7 6.71	1 26 47.5	54 36.9	1.345 283	6 956	12 15.7
20	0 6 49.77	7 8.46	− 0 32 10.6	55 20.1	1.338 327	8 076	12 18.9
21	0 13 58.23	7 9.93	+ 0 23 9.5	55 56.7	1.330 251	9 249	12 22.1
22	0 21 8.16		+ 1 19 6.2		1.321 002		12 25.3

Tag		0ʰ Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944		h m s	m s	° ′ ″	′ ″			h m
März	22	0 21 8.16	7 11.00	+ 1 19 6.2	56 25.5	1.321 002	10 469	12 25.3
	23	0 28 19.16	7 11.62	2 15 31.7	56 45.6	1.310 533	11 731	12 28.6
	24	0 35 30.78	7 11.66	3 12 17.3	56 55.7	1.298 802	13 024	12 31.9
	25	0 42 42.44	7 10.99	4 9 13.0	56 55.1	1.285 778	14 339	12 35.1
	26	0 49 53.43	7 9.51	5 6 8.1	56 42.6	1.271 439	15 662	12 38.3
	27	0 57 2.94	7 7.11	6 2 50.7	56 17.5	1.255 777	16 976	12 41.5
	28	1 4 10.05	7 3.66	+ 6 59 8.2	55 38.8	1.238 801	18 264	12 44.7
	29	1 11 13.71	6 59.08	7 54 47.0	54 46.3	1.220 537	19 507	12 47.8
	30	1 18 12.79	6 53.25	8 49 33.3	53 39.8	1.201 030	20 685	12 50.8
	31	1 25 6.04	6 46.12	9 43 13.1	52 19.2	1.180 345	21 778	12 53.7
April	1	1 31 52.16	6 37.64	10 35 32.3	50 44.9	1.158 567	22 771	12 56.4
	2	1 38 29.80	6 27.80	11 26 17.2	48 57.5	1.135 796	23 645	12 59.0
	3	1 44 57.60	6 16.57	+12 15 14.7	46 58.2	1.112 151	24 391	13 1.5
	4	1 51 14.17	6 4.01	13 2 12.9	44 47.5	1.087 760	24 997	13 3.7
	5	1 57 18.18	5 50.14	13 47 0.4	42 27.2	1.062 763	25 459	13 5.7
	6	2 3 8.32	5 35.02	14 29 27.6	39 58.1	1.037 304	25 775	13 7.4
	7	2 8 43.34	5 18.73	15 9 25.7	37 21.8	1.011 529	25 947	13 8.9
	8	2 14 2.07	5 1.35	15 46 47.5	34 39.2	0.985 582	25 977	13 10.2
	9	2 19 3.42	4 42.94	+16 21 26.7	31 51.6	0.959 605	25 874	13 11.1
	10	2 23 46.36	4 23.62	16 53 18.3	28 59.9	0.933 731	25 643	13 11.7
	11	2 28 9.98	4 3.45	17 22 18.2	26 4.9	0.908 088	25 296	13 11.9
	12	2 32 13.43	3 42.55	17 48 23.1	23 7.5	0.882 792	24 839	13 11.9
	13	2 35 55.98	3 20.98	18 11 30.6	20 7.7	0.857 953	24 282	13 11.4
	14	2 39 16.96	2 58.86	18 31 38.3	17 6.5	0.833 671	23 635	13 10.6
	15	2 42 15.82	2 36.29	+18 48 44.8	14 4.1	0.810 036	22 904	13 9.5
	16	2 44 52.11	2 13.38	19 2 48.9	11 0.8	0.787 132	22 099	13 7.9
	17	2 47 5.49	1 50.26	19 13 49.7	7 57.1	0.765 033	21 226	13 6.0
	18	2 48 55.75	1 27.09	19 21 46.8	4 53.2	0.743 807	20 290	13 3.7
	19	2 50 22.84	1 4.02	19 26 40.0	1 49.7	0.723 517	19 297	13 1.0
	20	2 51 26.86	0 41.23	19 28 29.7	1 12.8	0.704 220	18 253	12 57.9
	21	2 52 8.09	0 18.91	+19 27 16.9	4 13.3	0.685 967	17 161	12 54.5
	22	2 52 27.00	0 2.69	19 23 3.6	7 10.8	0.668 806	16 027	12 50.7
	23	2 52 24.31	0 23.36	19 15 52.8	10 4.3	0.652 779	14 854	12 46.5
	24	2 52 0.95	0 42.85	19 5 48.5	12 51.8	0.637 925	13 647	12 42.0
	25	2 51 18.10	1 0.89	18 52 56.7	15 31.8	0.624 278	12 411	12 37.2
	26	2 50 17.21	1 17.25	18 37 24.9	18 2.3	0.611 867	11 148	12 32.1
	27	2 48 59.96	1 31.70	+18 19 22.6	20 20.9	0.600 719	9 868	12 26.8
	28	2 47 28.26	1 44.00	17 59 1.7	22 25.8	0.590 851	8 572	12 21.2
	29	2 45 44.26	1 54.00	17 36 35.9	24 14.3	0.582 279	7 268	12 15.5
	30	2 43 50.26	2 1.56	17 12 21.6	25 44.9	0.575 011	5 964	12 9.6
Mai	1	2 41 48.70	2 6.57	16 46 36.7	26 55.4	0.569 047	4 663	12 3.6
	2	2 39 42.13		+16 19 41.3		0.564 384		11 57.6

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944	h m s	m s	° ′ ″	′ ″			h m
Mai 2	2 39 42.13	2 9.03	+16 19 41.3	27 44.5	0.564 384	3 375	11 57.6
3	2 37 33.10	2 8.95	15 51 56.8	28 11.7	0.561 009	2 104	11 51.5
4	2 35 24.15	2 6.41	15 23 45.1	28 16.3	0.558 905	857	11 45.4
5	2 33 17.74	2 1.55	14 55 28.8	27 58.5	0.558 048	359	11 39.4
6	2 31 16.19	1 54.53	14 27 30.3	27 19.2	0.558 407	1 540	11 33.5
7	2 29 21.66	1 45.57	14 0 11.1	26 19.7	0.559 947	2 682	11 27.8
8	2 27 36.09	1 34.89	+13 33 51.4	25 1.5	0.562 629	3 780	11 22.2
9	2 26 1.20	1 22.73	13 8 49.9	23 27.0	0.566 409	4 832	11 16.8
10	2 24 38.47	1 9.35	12 45 22.9	21 38.0	0.571 241	5 837	11 11.6
11	2 23 29.12	0 54.96	12 23 44.9	19 37.3	0.577 078	6 792	11 6.6
12	2 22 34.16	0 39.82	12 4 7.6	17 26.9	0.583 870	7 699	11 1.9
13	2 21 54.34	0 24.12	11 46 40.7	15 9.3	0.591 569	8 557	10 57.4
14	2 21 30.22	0 8.07	+11 31 31.4	12 46.7	0.600 126	9 368	10 53.2
15	2 21 22.15	0 8.18	11 18 44.7	10 20.9	0.609 494	10 132	10 49.2
16	2 21 30.33	0 24.51	11 8 23.8	7 53.8	0.619 626	10 853	10 45.6
17	2 21 54.84	0 40.79	11 0 30.0	5 26.8	0.630 479	11 531	10 42.2
18	2 22 35.63	0 56.91	10 55 3.2	3 1.3	0.642 010	12 171	10 39.0
19	2 23 32.54	1 12.81	10 52 1.9	0 38.3	0.654 181	12 774	10 36.1
20	2 24 45.35	1 28.46	+10 51 23.6	1 41.2	0.666 955	13 342	10 33.5
21	2 26 13.81	1 43.81	10 53 4.8	3 56.6	0.680 297	13 879	10 31.2
22	2 27 57.62	1 58.83	10 57 1.4	6 7.3	0.694 176	14 385	10 29.1
23	2 29 56.45	2 13.53	11 3 8.7	8 13.1	0.708 561	14 865	10 27.2
24	2 32 9.98	2 27.91	11 11 21.8	10 13.4	0.723 426	15 319	10 25.6
25	2 34 37.89	2 41.98	11 21 35.2	12 8.2	0.738 745	15 750	10 24.3
26	2 37 19.87	2 55.77	+11 33 43.4	13 57.4	0.754 495	16 158	10 23.1
27	2 40 15.64	3 9.29	11 47 40.8	15 40.7	0.770 653	16 544	10 22.2
28	2 43 24.93	3 22.58	12 3 21.5	17 18.2	0.787 197	16 911	10 21.5
29	2 46 47.51	3 35.66	12 20 39.7	18 49.8	0.804 108	17 258	10 21.0
30	2 50 23.17	3 48.58	12 39 29.5	20 15.7	0.821 366	17 585	10 20.8
31	2 54 11.75	4 1.35	12 59 45.2	21 35.7	0.838 951	17 892	10 20.7
Juni 1	2 58 13.10	4 14.04	+13 21 20.9	22 49.8	0.856 843	18 180	10 20.9
2	3 2 27.14	4 26.66	13 44 10.7	23 58.0	0.875 023	18 446	10 21.3
3	3 6 53.80	4 39.25	14 8 8.7	25 0.1	0.893 469	18 690	10 21.9
4	3 11 33.05	4 51.86	14 33 8.8	25 56.4	0.912 159	18 911	10 22.7
5	3 16 24.91	5 4.51	14 59 5.2	26 46.5	0.931 070	19 104	10 23.7
6	3 21 29.42	5 17.24	15 25 51.7	27 30.3	0.950 174	19 270	10 24.9
7	3 26 46.66	5 30.07	+15 53 22.0	28 7.6	0.969 444	19 403	10 26.4
8	3 32 16.73	5 43.03	16 21 29.6	28 38.3	0.988 847	19 501	10 28.0
9	3 37 59.76	5 56.14	16 50 7.9	29 2.0	1.008 348	19 559	10 29.9
10	3 43 55.90	6 9.41	17 19 9.9	29 18.3	1.027 907	19 572	10 32.0
11	3 50 5.31	6 22.83	17 48 28.2	29 27.0	1.047 479	19 535	10 34.3
12	3 56 28.14		+18 17 55.2		1.067 014		10 36.8

Tag	0h Welt-Zeit Scheinbare Rektaszension		0h Welt-Zeit Scheinbare Deklination		0h Welt-Zeit Δ		Obere Kulmination in Greenwich
1944	h m s	m s	° ′ ″	′ ″			h m
Juni 12	3 56 28.14	6 36.43	+18 17 55.2	29 27.6	1.067 014	19 442	10 36.8
13	4 3 4.57	6 50.16	18 47 22.8	29 19.6	1.086 456	19 287	10 39.6
14	4 9 54.73	7 4.01	19 16 42.4	29 2.5	1.105 743	19 063	10 42.6
15	4 16 58.74	7 17.93	19 45 44.9	28 35.6	1.124 806	18 762	10 45.9
16	4 24 16.67	7 31.85	20 14 20.5	27 58.6	1.143 568	18 380	10 49.3
17	4 31 48.52	7 45.71	20 42 19.1	27 10.8	1.161 948	17 908	10 53.0
18	4 39 34.23	7 59.39	+21 9 29.9	26 11.8	1.179 856	17 341	10 57.0
19	4 47 33.62	8 12.78	21 35 41.7	25 1.0	1.197 197	16 673	11 1.1
20	4 55 46.40	8 25.74	22 0 42.7	23 38.4	1.213 870	15 902	11 5.5
21	5 4 12.14	8 38.10	22 24 21.1	22 3.5	1.229 772	15 026	11 10.1
22	5 12 50.24	8 49.70	22 46 24.6	20 16.6	1.244 798	14 047	11 14.9
23	5 21 39.94	9 0.36	23 6 41.2	18 18.1	1.258 845	12 966	11 19.9
24	5 30 40.30	9 9.89	+23 24 59.3	16 8.2	1.271 811	11 793	11 25.1
25	5 39 50.19	9 18.13	23 41 7.5	13 48.2	1.283 604	10 537	11 30.4
26	5 49 8.32	9 24.91	23 54 55.7	11 19.1	1.294 141	9 209	11 35.8
27	5 58 33.23	9 30.12	24 6 14.8	8 42.5	1.303 350	7 829	11 41.3
28	6 8 3.35	9 33.68	24 14 57.3	5 59.9	1.311 179	6 410	11 46.9
29	6 17 37.03	9 35.53	24 20 57.2	3 13.4	1.317 589	4 975	11 52.6
30	6 27 12.56	9 35.68	+24 24 10.6	0 24.5	1.322 564	3 539	11 58.3
Juli 1	6 36 48.24	9 34.14	24 24 35.1	$\overline{2\ 24.5}$	1.326 103	2 122	12 4.0
2	6 46 22.38	9 31.04	24 22 10.6	5 11.9	1.328 225	742	12 9.6
3	6 55 53.42	9 26.45	24 16 58.7	7 56.1	1.328 967	$\overline{589}$	12 15.1
4	7 5 19.87	9 20.54	24 9 2.6	10 35.5	1.328 378	1 859	12 20.6
5	7 14 40.41	9 13.45	23 58 27.1	13 9.1	1.326 519	3 058	12 26.0
6	7 23 53.86	9 5.35	+23 45 18.0	15 35.7	1.323 461	4 181	12 31.2
7	7 32 59.21	8 56.41	23 29 42.3	17 54.8	1.319 280	5 223	12 36.3
8	7 41 55.62	8 46.76	23 11 47.5	20 5.6	1.314 057	6 186	12 41.2
9	7 50 42.38	8 36.59	22 51 41.9	22 8.0	1.307 871	7 067	12 46.0
10	7 59 18.97	8 26.01	22 29 33.9	24 2.0	1.300 804	7 870	12 50.6
11	8 7 44.98	8 15.14	22 5 31.9	25 47.3	1.292 934	8 599	12 55.0
12	8 16 0.12	8 4.08	+21 39 44.6	27 24.3	1.284 335	9 257	12 59.2
13	8 24 4.20	7 52.94	21 12 20.3	28 53.0	1.275 078	9 850	13 3.2
14	8 31 57.14	7 41.77	20 43 27.3	30 14.0	1.265 228	10 383	13 7.1
15	8 39 38.91	7 30.64	20 13 13.3	31 27.2	1.254 845	10 859	13 10.7
16	8 47 9.55	7 19.60	19 41 46.1	32 33.2	1.243 986	11 286	13 14.2
17	8 54 29.15	7 8.66	19 9 12.9	33 32.2	1.232 700	11 666	13 17.5
18	9 1 37.81	6 57.88	+18 35 40.7	34 24.8	1.221 034	12 006	13 20.6
19	9 8 35.69	6 47.27	18 1 15.9	35 11.0	1.209 028	12 309	13 23.5
20	9 15 22.96	6 36.81	17 26 4.9	35 51.3	1.196 719	12 580	13 26.3
21	9 21 59.77	6 26.54	16 50 13.6	36 25.9	1.184 139	12 820	13 28.9
22	9 28 26.31	6 16.46	16 13 47.7	36 55.2	1.171 319	13 035	13 31.3
23	9 34 42.77		+15 36 52.5		1.158 284		13 33.5

Merkur 1944

Tag		0h Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944		h m s	m s	° ′ ″	′ ″			h m
Juli	23	9 34 42.77	6 6.53	+15 36 52.5	37 19.3	1.158 284	13 228	13 33.5
	24	9 40 49.30	5 56.78	14 59 33.2	37 38.6	1.145 056	13 400	13 35.6
	25	9 46 46.08	5 47.17	14 21 54.6	37 53.2	1.131 656	13 555	13 37.5
	26	9 52 33.25	5 37.69	13 44 1.4	38 3.3	1.118 101	13 693	13 39.3
	27	9 58 10.94	5 28.34	13 5 58.1	38 9.0	1.104 408	13 818	13 40.9
	28	10 3 39.28	5 19.08	12 27 49.1	38 10.4	1.090 590	13 931	13 42.3
	29	10 8 58.36	5 9.88	+11 49 38.7	38 7.6	1.076 659	14 032	13 43.6
	30	10 14 8.24	5 0.74	11 11 31.1	38 0.9	1.062 627	14 123	13 44.7
	31	10 19 8.98	4 51.62	10 33 30.2	37 50.0	1.048 504	14 206	13 45.7
Aug.	1	10 24 0.60	4 42.51	9 55 40.2	37 35.2	1.034 298	14 279	13 46.6
	2	10 28 43.11	4 33.34	9 18 5.0	37 16.2	1.020 019	14 346	13 47.3
	3	10 33 16.45	4 24.13	8 40 48.8	36 53.3	1.005 673	14 403	13 47.8
	4	10 37 40.58	4 14.82	+ 8 3 55.5	36 26.2	0.991 270	14 454	13 48.1
	5	10 41 55.40	4 5.36	7 27 29.3	35 54.9	0.976 816	14 496	13 48.3
	6	10 46 0.76	3 55.76	6 51 34.4	35 19.3	0.962 320	14 530	13 48.4
	7	10 49 56.52	3 45.94	6 16 15.1	34 39.2	0.947 790	14 557	13 48.3
	8	10 53 42.46	3 35.88	5 41 35.9	33 54.3	0.933 233	14 573	13 48.0
	9	10 57 18.34	3 25.52	5 7 41.6	33 4.5	0.918 660	14 580	13 47.6
	10	11 0 43.86	3 14.84	+ 4 34 37.1	32 9.7	0.904 080	14 575	13 47.0
	11	11 3 58.70	3 3.76	4 2 27.4	31 9.3	0.889 505	14 557	13 46.2
	12	11 7 2.46	2 52.26	3 31 18.1	30 3.0	0.874 948	14 525	13 45.2
	13	11 9 54.72	2 40.28	3 1 15.1	28 50.6	0.860 423	14 475	13 44.0
	14	11 12 35.00	2 27.76	2 32 24.5	27 31.5	0.845 948	14 406	13 42.6
	15	11 15 2.76	2 14.67	2 4 53.0	26 5.4	0.831 542	14 315	13 41.0
	16	11 17 17.43	2 0.95	+ 1 38 47.6	24 31.4	0.817 227	14 197	13 39.2
	17	11 19 18.38	1 46.55	1 14 16.2	22 49.5	0.803 030	14 051	13 37.1
	18	11 21 4.93	1 31.45	0 51 26.7	20 58.9	0.788 979	13 869	13 34.8
	19	11 22 36.38	1 15.61	0 30 27.8	18 59.0	0.775 110	13 649	13 32.3
	20	11 23 51.99	0 59.00	+ 0 11 28.8	16 49.3	0.761 461	13 385	13 29.4
	21	11 24 50.99	0 41.64	− 0 5 20.5	14 29.4	0.748 076	13 070	13 26.3
	22	11 25 32.63	0 23.53	− 0 19 49.9	11 58.7	0.735 006	12 699	13 22.9
	23	11 25 56.16	0 4.72	0 31 48.6	9 17.2	0.722 307	12 264	13 19.2
	24	11 26 0.88	0 14.72	0 41 5.8	6 24.5	0.710 043	11 757	13 15.1
	25	11 25 46.16	0 34.66	0 47 30.3	3 21.0	0.698 286	11 171	13 10.8
	26	11 25 11.50	0 54.95	0 50 51.3	0 7.2	0.687 115	10 498	13 6.1
	27	11 24 16.55	1 15.37	0 50 58.5	3 15.8	0.676 617	9 729	13 1.1
	28	11 23 1.18	1 35.64	− 0 47 42.7	6 46.9	0.666 888	8 854	12 55.7
	29	11 21 25.54	1 55.42	0 40 55.8	10 23.4	0.658 034	7 870	12 50.0
	30	11 19 30.12	2 14.30	0 30 32.4	14 2.6	0.650 164	6 767	12 44.0
	31	11 17 15.82	2 31.80	− 0 16 29.8	17 40.6	0.643 397	5 540	12 37.7
Sept.	1	11 14 44.02	2 47.43	+ 0 1 10.8	21 13.0	0.637 857	4 187	12 31.1
	2	11 11 56.59		+ 0 22 23.8		0.633 670		12 24.3

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944	h m s	m s	° ′ ″	′ ″			h m
Sept. 2	11 11 56.59	3 0.63	+0 22 23.8	24 34.8	0.633 670	2 709	12 24.3
3	11 8 55.96	3 10.83	0 46 58.6	27 40.0	0.630 961	1 107	12 17.3
4	11 5 45.13	3 17.53	1 14 38.6	30 23.1	0.629 854	611	12 10.1
5	11 2 27.60	3 20.24	1 45 1.7	32 38.2	0.630 465	2 437	12 2.9
6	10 59 7.36	3 18.61	2 17 39.9	34 20.2	0.632 902	4 353	11 55.7
7	10 55 48.75	3 12.38	2 52 0.1	35 24.6	0.637 255	6 342	11 48.5
8	10 52 36.37	3 1.48	+3 27 24.7	35 48.6	0.643 597	8 384	11 41.5
9	10 49 34.89	2 45.97	4 3 13.3	35 31.0	0.651 981	10 452	11 34.7
10	10 46 48.92	2 26.09	4 38 44.3	34 31.3	0.662 433	12 521	11 28.1
11	10 44 22.83	2 2.24	5 13 15.6	32 51.6	0.674 954	14 564	11 21.9
12	10 42 20.59	1 34.93	5 46 7.2	30 34.5	0.689 518	16 552	11 16.2
13	10 40 45.66	1 4.75	6 16 41.7	27 43.9	0.706 070	18 457	11 10.9
14	10 39 40.91	0 32.39	+6 44 25.6	24 24.7	0.724 527	20 254	11 6.2
15	10 39 8.52	0 1.47	7 8 50.3	20 41.8	0.744 781	21 918	11 2.0
16	10 39 9.99	0 36.13	7 29 32.1	16 40.1	0.766 699	23 424	10 58.3
17	10 39 46.12	1 10.93	7 46 12.2	12 25.0	0.790 123	24 755	10 55.2
18	10 40 57.05	1 45.27	7 58 37.2	8 1.1	0.814 878	25 892	10 52.7
19	10 42 42.32	2 18.60	8 6 38.3	3 32.9	0.840 770	26 823	10 50.8
20	10 45 0.92	2 50.43	+8 10 11.2	0 55.2	0.867 593	27 536	10 49.4
21	10 47 51.35	3 20.39	8 9 16.0	5 19.7	0.895 129	28 028	10 48.6
22	10 51 11.74	3 48.18	8 3 56.3	9 37.1	0.923 157	28 299	10 48.2
23	10 54 59.92	4 13.57	7 54 19.2	13 44.5	0.951 456	28 353	10 48.2
24	10 59 13.49	4 36.42	7 40 34.7	17 39.5	0.979 809	28 202	10 48.7
25	11 3 49.91	4 56.68	7 22 55.2	21 20.1	1.008 011	27 857	10 49.5
26	11 8 46.59	5 14.38	+7 1 35.1	24 44.5	1.035 868	27 339	10 50.6
27	11 14 0.97	5 29.59	6 36 50.6	27 52.1	1.063 207	26 666	10 52.1
28	11 19 30.56	5 42.44	6 8 58.5	30 42.0	1.089 873	25 863	10 53.7
29	11 25 13.00	5 53.10	5 38 16.5	33 14.2	1.115 736	24 950	10 55.6
30	11 31 6.10	6 1.79	5 5 2.3	35 28.9	1.140 686	23 953	10 57.6
Okt. 1	11 37 7.89	6 8.68	4 29 33.4	37 26.6	1.164 639	22 892	10 59.7
2	11 43 16.57	6 14.02	+3 52 6.8	39 8.2	1.187 531	21 787	11 2.0
3	11 49 30.59	6 18.00	3 12 58.6	40 34.5	1.209 318	20 654	11 4.3
4	11 55 48.59	6 20.84	2 32 24.1	41 46.8	1.229 972	19 509	11 6.7
5	12 2 9.43	6 22.71	1 50 37.3	42 45.9	1.249 481	18 367	11 9.1
6	12 8 32.14	6 23.79	1 7 51.4	43 33.3	1.267 848	17 234	11 11.6
7	12 14 55.93	6 24.23	+0 24 18.1	44 9.9	1.285 082	16 121	11 14.0
8	12 21 20.16	6 24.15	−0 19 51.8	44 36.9	1.301 203	15 032	11 16.5
9	12 27 44.31	6 23.67	1 4 28.7	44 55.2	1.316 235	13 973	11 19.0
10	12 34 7.98	6 22.91	1 49 23.9	45 5.8	1.330 208	12 947	11 21.4
11	12 40 30.89	6 21.93	2 34 29.7	45 9.5	1.343 155	11 953	11 23.8
12	12 46 52.82	6 20.80	3 19 39.2	45 7.1	1.355 108	10 995	11 26.3
13	12 53 13.62		−4 4 46.3		1.366 103		11 28.7

Merkur 1944

Tag		0ʰ Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944		h m s	m s	° ′ ″	′ ″			h m
Okt.	13	12 53 13.62	6 19.59	− 4 4 46.3	44 59.3	1.366 103	10 072	11 28.7
	14	12 59 33.21	6 18.33	4 49 45.6	44 46.7	1.376 175	9 182	11 31.0
	15	13 5 51.54	6 17.09	5 34 32.3	44 29.8	1.385 357	8 326	11 33.4
	16	13 12 8.63	6 15.87	6 19 2.1	44 9.2	1.393 683	7 501	11 35.7
	17	13 18 24.50	6 14.71	7 3 11.3	43 45.1	1.401 184	6 707	11 38.0
	18	13 24 39.21	6 13.64	7 46 56.4	43 18.0	1.407 891	5 942	11 40.3
	19	13 30 52.85	6 12.65	− 8 30 14.4	42 48.2	1.413 833	5 202	11 42.6
	20	13 37 5.50	6 11.76	9 13 2.6	42 15.9	1.419 035	4 487	11 44.9
	21	13 43 17.26	6 11.00	9 55 18.5	41 41.3	1.423 522	3 796	11 47.1
	22	13 49 28.26	6 10.34	10 36 59.8	41 4.8	1.427 318	3 127	11 49.4
	23	13 55 38.60	6 9.81	11 18 4.6	40 26.4	1.430 445	2 475	11 51.6
	24	14 1 48.41	6 9.40	11 58 31.0	39 46.2	1.432 920	1 843	11 53.8
	25	14 7 57.81	6 9.11	−12 38 17.2	39 4.3	1.434 763	1 226	11 56.0
	26	14 14 6.92	6 8.96	13 17 21.5	38 21.0	1.435 989	623	11 58.3
	27	14 20 15.88	6 8.90	13 55 42.5	37 36.2	1.436 612	034	12 0.5
	28	14 26 24.78	6 8.98	14 33 18.7	36 50.1	1.436 646	$\overline{544}$	12 2.7
	29	14 32 33.76	6 9.17	15 10 8.8	36 2.5	1.436 102	1 112	12 4.9
	30	14 38 42.93	6 9.45	15 46 11.3	35 13.7	1.434 990	1 672	12 7.1
	31	14 44 52.38	6 9.84	−16 21 25.0	34 23.6	1.433 318	2 225	12 9.3
Nov.	1	14 51 2.22	6 10.32	16 55 48.6	33 32.3	1.431 093	2 772	12 11.5
	2	14 57 12.54	6 10.88	17 29 20.9	32 39.7	1.428 321	3 314	12 13.8
	3	15 3 23.42	6 11.52	18 2 0.6	31 45.8	1.425 007	3 854	12 16.0
	4	15 9 34.94	6 12.22	18 33 46.4	30 50.8	1.421 153	4 391	12 18.3
	5	15 15 47.16	6 12.97	19 4 37.2	29 54.4	1.416 762	4 927	12 20.6
	6	15 22 0.13	6 13.76	−19 34 31.6	28 56.8	1.411 835	5 464	12 22.9
	7	15 28 13.89	6 14.58	20 3 28.4	27 57.9	1.406 371	6 002	12 25.2
	8	15 34 28.47	6 15.39	20 31 26.3	26 57.6	1.400 369	6 541	12 27.5
	9	15 40 43.86	6 16.21	20 58 23.9	25 56.0	1.393 828	7 084	12 29.8
	10	15 47 0.07	6 16.99	21 24 19.9	24 53.1	1.386 744	7 631	12 32.1
	11	15 53 17.06	6 17.73	21 49 13.0	23 48.7	1.379 113	8 183	12 34.5
	12	15 59 34.79	6 18.41	−22 13 1.7	22 43.0	1.370 930	8 739	12 36.8
	13	16 5 53.20	6 18.99	22 35 44.7	21 35.8	1.362 191	9 302	12 39.2
	14	16 12 12.19	6 19.45	22 57 20.5	20 27.2	1.352 889	9 872	12 41.6
	15	16 18 31.64	6 19.77	23 17 47.7	19 17.1	1.343 017	10 450	12 44.0
	16	16 24 51.41	6 19.91	23 37 4.8	18 5.6	1.332 567	11 037	12 46.4
	17	16 31 11.32	6 19.84	23 55 10.4	16 52.6	1.321 530	11 632	12 48.8
	18	16 37 31.16	6 19.52	−24 12 3.0	15 38.1	1.309 898	12 235	12 51.2
	19	16 43 50.68	6 18.89	24 27 41.1	14 22.3	1.297 663	12 850	12 53.5
	20	16 50 9.57	6 17.93	24 42 3.4	13 4.9	1.284 813	13 473	12 55.9
	21	16 56 27.50	6 16.56	24 55 8.3	11 46.2	1.271 340	14 106	12 58.3
	22	17 2 44.06	6 14.74	25 6 54.5	10 26.2	1.257 234	14 749	13 0.6
	23	17 8 58.80		−25 17 20.7		1.242 485		13 2.9

Tag		0ʰ Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944		h m s	m s	° ′ ″	′ ″			h m
Nov.	23	17 8 58.80	6 12.40	−25 17 20.7	9 5.0	1.242 485	15 401	13 2.9
	24	17 15 11.20	6 9.45	25 26 25.7	7 42.6	1.227 084	16 060	13 5.1
	25	17 21 20.65	6 5.81	25 34 8.3	6 19.2	1.211 024	16 729	13 7.3
	26	17 27 26.46	6 1.39	25 40 27.5	4 54.9	1.194 295	17 401	13 9.4
	27	17 33 27.85	5 56.09	25 45 22.4	3 29.8	1.176 894	18 079	13 11.5
	28	17 39 23.94	5 49.77	25 48 52.2	2 4.6	1.158 815	18 757	13 13.4
	29	17 45 13.71	5 42.31	−25 50 56.8	0 38.8	1.140 058	19 432	13 15.2
	30	17 50 56.02	5 33.54	25 51 35.6	0 46.7	1.120 626	20 101	13 16.9
Dez.	1	17 56 29.56	5 23.29	25 50 48.9	2 11.9	1.100 525	20 756	13 18.4
	2	18 1 52.85	5 11.38	25 48 37.0	3 36.1	1.079 769	21 393	13 19.8
	3	18 7 4.23	4 57.58	25 45 0.9	4 59.0	1.058 376	22 001	13 20.9
	4	18 12 1.81	4 41.67	25 40 1.9	6 20.0	1.036 375	22 569	13 21.8
	5	18 16 43.48	4 23.38	−25 33 41.9	7 38.7	1.013 806	23 087	13 22.4
	6	18 21 6.86	4 2.45	25 26 3.2	8 54.4	0.990 719	23 535	13 22.6
	7	18 25 9.31	3 38.63	25 17 8.8	10 6.2	0.967 184	23 899	13 22.5
	8	18 28 47.94	3 11.62	25 7 2.6	11 14.0	0.943 285	24 154	13 21.9
	9	18 31 59.56	2 41.20	24 55 48.6	12 16.6	0.919 131	24 279	13 20.9
	10	18 34 40.76	2 7.19	24 43 32.0	13 13.8	0.894 852	24 244	13 19.4
	11	18 36 47.95	1 29.46	−24 30 18.2	14 5.1	0.870 608	24 020	13 17.2
	12	18 38 17.41	0 48.12	24 16 13.1	14 50.2	0.846 588	23 576	13 14.4
	13	18 39 5.53	0 3.37	24 1 22.9	15 29.0	0.823 012	22 877	13 10.8
	14	18 39 8.90	0 44.24	23 45 53.9	16 1.5	0.800 135	21 896	13 6.5
	15	18 38 24.66	1 33.84	23 29 52.4	16 28.0	0.778 239	20 603	13 1.4
	16	18 36 50.82	2 24.21	23 13 24.4	16 48.7	0.757 636	18 981	12 55.5
	17	18 34 26.61	3 13.64	−22 56 35.7	17 3.2	0.738 655	17 023	12 48.7
	18	18 31 12.97	4 0.13	22 39 32.5	17 10.8	0.721 632	14 736	12 41.2
	19	18 27 12.84	4 41.39	22 22 21.7	17 10.5	0.706 896	12 147	12 32.9
	20	18 22 31.45	5 15.15	22 5 11.2	16 59.5	0.694 749	9 301	12 24.0
	21	18 17 16.30	5 39.33	21 48 11.7	16 35.2	0.685 448	6 265	12 14.7
	22	18 11 36.97	5 52.49	21 31 36.5	15 54.1	0.679 183	3 120	12 5.0
	23	18 5 44.48	5 53.88	−21 15 42.4	14 53.9	0.676 063	46	11 55.2
	24	17 59 50.60	5 43.69	21 0 48.5	13 33.4	0.676 109	3 144	11 45.5
	25	17 54 6.91	5 22.97	20 47 15.1	11 53.0	0.679 253	6 090	11 36.0
	26	17 48 43.94	4 53.39	20 35 22.1	9 55.7	0.685 343	8 815	11 27.0
	27	17 43 50.55	4 17.03	20 25 26.4	7 45.6	0.694 158	11 270	11 18.5
	28	17 39 33.52	3 36.07	20 17 40.8	5 28.2	0.705 428	13 425	11 10.6
	29	17 35 57.45	2 52.56	−20 12 12.6	3 8.7	0.718 853	15 267	11 3.4
	30	17 33 4.89	2 8.23	20 9 3.9	0 52.7	0.734 120	16 799	10 57.0
	31	17 30 56.66	1 24.49	20 8 11.2	1 15.6	0.750 919	18 038	10 51.3
	32	17 29 32.17		−20 9 26.8		0.768 957		10 46.3

Tag		0ʰ Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944		h m s	m s	° ′ ″	′ ″			h m
Jan.	0	15 37 56.74	4 47.76	−16 57 49.7	17 22.7	1.010 660	6 948	9 4.1
	1	15 42 44.50	4 49.03	17 15 12.4	17 0.3	1.017 608	6 926	9 4.9
	2	15 47 33.53	4 50.30	17 32 12.7	16 37.1	1.024 534	6 905	9 5.8
	3	15 52 23.83	4 51.58	17 48 49.8	16 13.0	1.031 439	6 883	9 6.7
	4	15 57 15.41	4 52.83	18 5 2.8	15 48.3	1.038 322	6 861	9 7.6
	5	16 2 8.24	4 54.07	18 20 51.1	15 22.7	1.045 183	6 840	9 8.6
	6	16 7 2.31	4 55.31	−18 36 13.8	14 56.5	1.052 023	6 817	9 9.6
	7	16 11 57.62	4 56.53	18 51 10.3	14 29.5	1.058 840	6 795	9 10.6
	8	16 16 54.15	4 57.73	19 5 39.8	14 1.9	1.065 635	6 773	9 11.6
	9	16 21 51.88	4 58.91	19 19 41.7	13 33.5	1.072 408	6 749	9 12.6
	10	16 26 50.79	5 0.08	19 33 15.2	13 4.4	1.079 157	6 727	9 13.6
	11	16 31 50.87	5 1.21	19 46 19.6	12 34.7	1.085 884	6 703	9 14.7
	12	16 36 52.08	5 2.33	−19 58 54.3	12 4.3	1.092 587	6 679	9 15.8
	13	16 41 54.41	5 3.41	20 10 58.6	11 33.3	1.099 266	6 654	9 16.9
	14	16 46 57.82	5 4.47	20 22 31.9	11 1.7	1.105 920	6 629	9 18.0
	15	16 52 2.29	5 5.48	20 33 33.6	10 29.4	1.112 549	6 605	9 19.1
	16	16 57 7.77	5 6.47	20 44 3.0	9 56.6	1.119 154	6 579	9 20.3
	17	17 2 14.24	5 7.42	20 53 59.6	9 23.1	1.125 733	6 553	9 21.5
	18	17 7 21.66	5 8.33	−21 3 22.7	8 49.2	1.132 286	6 526	9 22.7
	19	17 12 29.99	5 9.20	21 12 11.9	8 14.8	1.138 812	6 500	9 23.9
	20	17 17 39.19	5 10.02	21 20 26.7	7 39.8	1.145 312	6 473	9 25.1
	21	17 22 49.21	5 10.78	21 28 6.5	7 4.4	1.151 785	6 445	9 26.3
	22	17 27 59.99	5 11.52	21 35 10.9	6 28.5	1.158 230	6 418	9 27.6
	23	17 33 11.51	5 12.19	21 41 39.4	5 52.2	1.164 648	6 389	9 28.8
	24	17 38 23.70	5 12.82	−21 47 31.6	5 15.5	1.171 037	6 362	9 30.1
	25	17 43 36.52	5 13.38	21 52 47.1	4 38.4	1.177 399	6 334	9 31.4
	26	17 48 49.90	5 13.89	21 57 25.5	4 1.1	1.183 733	6 305	9 32.6
	27	17 54 3.79	5 14.36	22 1 26.6	3 23.4	1.190 038	6 278	9 33.9
	28	17 59 18.15	5 14.76	22 4 50.0	2 45.4	1.196 316	6 250	9 35.2
	29	18 4 32.91	5 15.11	22 7 35.4	2 7.2	1.202 566	6 223	9 36.6
	30	18 9 48.02	5 15.41	−22 9 42.6	1 28.9	1.208 789	6 196	9 37.9
	31	18 15 3.43	5 15.66	22 11 11.5	0 50.2	1.214 985	6 168	9 39.2
Febr.	1	18 20 19.09	5 15.84	22 12 1.7	0 11.5	1.221 153	6 142	9 40.5
	2	18 25 34.93	5 15.99	22 12 13.2	0 27.4	1.227 295	6 116	9 41.8
	3	18 30 50.92	5 16.08	22 11 45.8	1 6.2	1.233 411	6 088	9 43.2
	4	18 36 7.00	5 16.11	22 10 39.6	1 45.3	1.239 499	6 062	9 44.5
	5	18 41 23.11	5 16.10	−22 8 54.3	2 24.3	1.245 561	6 035	9 45.8
	6	18 46 39.21	5 16.03	22 6 30.0	3 3.2	1.251 596	6 008	9 47.1
	7	18 51 55.24	5 15.91	22 3 26.8	3 42.2	1.257 604	5 981	9 48.4
	8	18 57 11.15	5 15.74	21 59 44.6	4 21.2	1.263 585	5 953	9 49.8
	9	19 2 26.89	5 15.52	21 55 23.4	4 59.9	1.269 538	5 927	9 51.1
	10	19 7 42.41		−21 50 23.5		1.275 465		9 52.4

Tag		0ʰ Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944		h m s	m s	° ′ ″	′ ″			h m
Febr.	10	19 7 42.41	5 15.25	−21 50 23.5	5 38.7	1.275 465	5 898	9 52.4
	11	19 12 57.66	5 14.93	21 44 44.8	6 17.2	1.281 363	5 871	9 53.7
	12	19 18 12.59	5 14.56	21 38 27.6	6 55.6	1.287 234	5 842	9 55.0
	13	19 23 27.15	5 14.14	21 31 32.0	7 33.7	1.293 076	5 814	9 56.3
	14	19 28 41.29	5 13.68	21 23 58.3	8 11.6	1.298 890	5 784	9 57.6
	15	19 33 54.97	5 13.17	21 15 46.7	8 49.2	1.304 674	5 756	9 58.9
	16	19 39 8.14	5 12.62	−21 6 57.5	9 26.7	1.310 430	5 725	10 0.2
	17	19 44 20.76	5 12.03	20 57 30.8	10 3.7	1.316 155	5 696	10 1.4
	18	19 49 32.79	5 11.38	20 47 27.1	10 40.4	1.321 851	5 666	10 2.7
	19	19 54 44.17	5 10.71	20 36 46.7	11 16.8	1.327 517	5 635	10 3.9
	20	19 59 54.88	5 10.00	20 25 29.9	11 52.7	1.333 152	5 604	10 5.2
	21	20 5 4.88	5 9.23	20 13 37.2	12 28.3	1.338 756	5 572	10 6.4
	22	20 10 14.11	5 8.45	−20 1 8.9	13 3.3	1.344 328	5 541	10 7.6
	23	20 15 22.56	5 7.61	19 48 5.6	13 38.0	1.349 869	5 510	10 8.8
	24	20 20 30.17	5 6.76	19 34 27.6	14 12.1	1.355 379	5 478	10 10.0
	25	20 25 36.93	5 5.87	19 20 15.5	14 45.8	1.360 857	5 447	10 11.1
	26	20 30 42.80	5 4.96	19 5 29.7	15 18.9	1.366 304	5 415	10 12.3
	27	20 35 47.76	5 4.03	18 50 10.8	15 51.5	1.371 719	5 385	10 13.4
	28	20 40 51.79	5 3.07	−18 34 19.3	16 23.5	1.377 104	5 354	10 14.5
	29	20 45 54.86	5 2.09	18 17 55.8	16 55.0	1.382 458	5 324	10 15.6
März	1	20 50 56.95	5 1.12	18 1 0.8	17 25.9	1.387 782	5 293	10 16.7
	2	20 55 58.07	5 0.12	17 43 34.9	17 56.2	1.393 075	5 262	10 17.8
	3	21 0 58.19	4 59.12	17 25 38.7	18 25.9	1.398 337	5 233	10 18.9
	4	21 5 57.31	4 58.11	17 7 12.8	18 55.0	1.403 570	5 202	10 19.9
	5	21 10 55.42	4 57.10	−16 48 17.8	19 23.6	1.408 772	5 171	10 20.9
	6	21 15 52.52	4 56.09	16 28 54.2	19 51.4	1.413 943	5 142	10 21.9
	7	21 20 48.61	4 55.07	16 9 2.8	20 18.6	1.419 085	5 110	10 22.9
	8	21 25 43.68	4 54.07	15 48 44.2	20 45.2	1.424 195	5 080	10 23.9
	9	21 30 37.75	4 53.05	15 27 59.0	21 11.2	1.429 275	5 049	10 24.8
	10	21 35 30.80	4 52.06	15 6 47.8	21 36.5	1.434 324	5 018	10 25.8
	11	21 40 22.86	4 51.07	−14 45 11.3	22 1.0	1.439 342	4 986	10 26.7
	12	21 45 13.93	4 50.09	14 23 10.3	22 25.1	1.444 328	4 955	10 27.6
	13	21 50 4.02	4 49.12	14 0 45.2	22 48.3	1.449 283	4 922	10 28.5
	14	21 54 53.14	4 48.16	13 37 56.9	23 11.0	1.454 205	4 890	10 29.3
	15	21 59 41.30	4 47.22	13 14 45.9	23 32.9	1.459 095	4 857	10 30.2
	16	22 4 28.52	4 46.30	12 51 13.0	23 54.1	1.463 952	4 823	10 31.0
	17	22 9 14.82	4 45.39	−12 27 18.9	24 14.7	1.468 775	4 790	10 31.8
	18	22 14 0.21	4 44.49	12 3 4.2	24 34.6	1.473 565	4 755	10 32.6
	19	22 18 44.70	4 43.62	11 38 29.6	24 53.7	1.478 320	4 720	10 33.4
	20	22 23 28.32	4 42.76	11 13 35.9	25 12.2	1.483 040	4 685	10 34.2
	21	22 28 11.08	4 41.93	10 48 23.7	25 29.9	1.487 725	4 650	10 35.0
	22	22 32 53.01		−10 22 53.8		1.492 375		10 35.7

Tag	0h Welt-Zeit: Scheinbare Rektaszension		0h Welt-Zeit: Scheinbare Deklination		0h Welt-Zeit: Δ		Obere Kulmination in Greenwich
1944	h m s	m s	° ′ ″	′ ″			h m
März 22	22 32 53.01	4 41.12	−10 22 53.8	25 46.9	1.492 375	4 613	10 35.7
23	22 37 34.13	4 40.32	9 57 6.9	26 3.3	1.496 988	4 577	10 36.5
24	22 42 14.45	4 39.56	9 31 3.6	26 18.9	1.501 565	4 540	10 37.2
25	22 46 54.01	4 38.81	9 4 44.7	26 33.7	1.506 105	4 504	10 37.9
26	22 51 32.82	4 38.09	8 38 11.0	26 47.9	1.510 609	4 468	10 38.6
27	22 56 10.91	4 37.40	8 11 23.1	27 1.3	1.515 077	4 431	10 39.3
28	23 0 48.31	4 36.75	− 7 44 21.8	27 14.1	1.519 508	4 395	10 40.0
29	23 5 25.06	4 36.11	7 17 7.7	27 26.1	1.523 903	4 359	10 40.6
30	23 10 1.17	4 35.52	6 49 41.6	27 37.5	1.528 262	4 322	10 41.3
31	23 14 36.69	4 34.96	6 22 4.1	27 48.1	1.532 584	4 286	10 41.9
April 1	23 19 11.65	4 34.43	5 54 16.0	27 58.0	1.536 870	4 250	10 42.6
2	23 23 46.08	4 33.94	5 26 18.0	28 7.3	1.541 120	4 214	10 43.2
3	23 28 20.02	4 33.48	− 4 58 10.7	28 15.9	1.545 334	4 177	10 43.8
4	23 32 53.50	4 33.07	4 29 54.8	28 23.7	1.549 511	4 140	10 44.4
5	23 37 26.57	4 32.69	4 1 31.1	28 30.9	1.553 651	4 103	10 45.0
6	23 41 59.26	4 32.35	3 33 0.2	28 37.4	1.557 754	4 066	10 45.6
7	23 46 31.61	4 32.05	3 4 22.8	28 43.2	1.561 820	4 029	10 46.2
8	23 51 3.66	4 31.79	2 35 39.6	28 48.3	1.565 849	3 991	10 46.8
9	23 55 35.45	4 31.56	− 2 6 51.3	28 52.9	1.569 840	3 954	10 47.4
10	0 0 7.01	4 31.38	1 37 58.4	28 56.5	1.573 794	3 915	10 48.0
11	0 4 38.39	4 31.24	1 9 1.9	28 59.6	1.577 709	3 876	10 48.6
12	0 9 9.63	4 31.14	0 40 2.3	29 2.1	1.581 585	3 837	10 49.1
13	0 13 40.77	4 31.08	− 0 11 0.2	29 3.7	1.585 422	3 797	10 49.7
14	0 18 11.85	4 31.05	+ 0 18 3.5	29 4.8	1.589 219	3 757	10 50.3
15	0 22 42.90	4 31.07	+ 0 47 8.3	29 5.1	1.592 976	3 715	10 50.9
16	0 27 13.97	4 31.13	1 16 13.4	29 4.7	1.596 691	3 674	10 51.5
17	0 31 45.10	4 31.23	1 45 18.1	29 3.7	1.600 365	3 632	10 52.0
18	0 36 16.33	4 31.35	2 14 21.8	29 2.0	1.603 997	3 589	10 52.6
19	0 40 47.68	4 31.53	2 43 23.8	28 59.4	1.607 586	3 546	10 53.2
20	0 45 19.21	4 31.73	3 12 23.2	28 56.3	1.611 132	3 501	10 53.8
21	0 49 50.94	4 31.97	+ 3 41 19.5	28 52.5	1.614 633	3 458	10 54.4
22	0 54 22.91	4 32.26	4 10 12.0	28 47.8	1.618 091	3 413	10 55.0
23	0 58 55.17	4 32.57	4 38 59.8	28 42.5	1.621 504	3 368	10 55.6
24	1 3 27.74	4 32.91	5 7 42.3	28 36.6	1.624 872	3 323	10 56.2
25	1 8 0.65	4 33.31	5 36 18.9	28 29.7	1.628 195	3 277	10 56.8
26	1 12 33.96	4 33.73	6 4 48.6	28 22.3	1.631 472	3 233	10 57.4
27	1 17 7.69	4 34.19	+ 6 33 10.9	28 14.2	1.634 705	3 187	10 58.0
28	1 21 41.88	4 34.69	7 1 25.1	28 5.3	1.637 892	3 142	10 58.6
29	1 26 16.57	4 35.22	7 29 30.4	27 55.7	1.641 034	3 097	10 59.3
30	1 30 51.79	4 35.80	7 57 26.1	27 45.4	1.644 131	3 052	10 59.9
Mai 1	1 35 27.59	4 36.40	8 25 11.5	27 34.5	1.647 183	3 005	11 0.6
2	1 40 3.99		+ 8 52 46.0		1.650 188		11 1.2

Tag		0h Welt-Zeit						Obere Kulmination in Greenwich
		Scheinbare Rektaszension		Scheinbare Deklination		Δ		
1944		h m s	m s	° ′ ″	′ ″			h m
Mai	2	1 40 3.99	4 37.04	+ 8 52 46.0	27 22.8	1.650 188	2 960	11 1.2
	3	1 44 41.03	4 37.72	9 20 8.8	27 10.3	1.653 148	2 914	11 1.9
	4	1 49 18.75	4 38.43	9 47 19.1	26 57.2	1.656 062	2 868	11 2.6
	5	1 53 57.18	4 39.17	10 14 16.3	26 43.4	1.658 930	2 822	11 3.3
	6	1 58 36.35	4 39.95	10 40 59.7	26 28.8	1.661 752	2 775	11 4.0
	7	2 3 16.30	4 40.76	11 7 28.5	26 13.6	1.664 527	2 728	11 4.8
	8	2 7 57.06	4 41.61	+11 33 42.1	25 57.6	1.667 255	2 681	11 5.5
	9	2 12 38.67	4 42.47	11 59 39.7	25 41.0	1.669 936	2 633	11 6.3
	10	2 17 21.14	4 43.38	12 25 20.7	25 23.6	1.672 569	2 586	11 7.0
	11	2 22 4.52	4 44.31	12 50 44.3	25 5.4	1.675 155	2 537	11 7.8
	12	2 26 48.83	4 45.26	13 15 49.7	24 46.6	1.677 692	2 488	11 8.6
	13	2 31 34.09	4 46.24	13 40 36.3	24 27.1	1.680 180	2 439	11 9.5
	14	2 36 20.33	4 47.25	+14 5 3.4	24 6.8	1.682 619	2 388	11 10.3
	15	2 41 7.58	4 48.27	14 29 10.2	23 45.9	1.685 007	2 337	11 11.1
	16	2 45 55.85	4 49.31	14 52 56.1	23 24.0	1.687 344	2 286	11 12.0
	17	2 50 45.16	4 50.37	15 16 20.1	23 1.7	1.689 630	2 233	11 12.9
	18	2 55 35.53	4 51.45	15 39 21.8	22 38.5	1.691 863	2 181	11 13.8
	19	3 0 26.98	4 52.53	16 2 0.3	22 14.5	1.694 044	2 128	11 14.7
	20	3 5 19.51	4 53.62	+16 24 14.8	21 49.9	1.696 172	2 074	11 15.7
	21	3 10 13.13	4 54.73	16 46 4.7	21 24.5	1.698 246	2 021	11 16.6
	22	3 15 7.86	4 55.83	17 7 29.2	20 58.5	1.700 267	1 966	11 17.6
	23	3 20 3.69	4 56.95	17 28 27.7	20 31.5	1.702 233	1 912	11 18.6
	24	3 25 0.64	4 58.06	17 48 59.2	20 4.1	1.704 145	1 857	11 19.6
	25	3 29 58.70	4 59.17	18 9 3.3	19 35.9	1.706 002	1 802	11 20.7
	26	3 34 57.87	5 0.29	+18 28 39.2	19 6.8	1.707 804	1 747	11 21.7
	27	3 39 58.16	5 1.39	18 47 46.0	18 37.3	1.709 551	1 693	11 22.8
	28	3 44 59.55	5 2.51	19 6 23.3	18 7.0	1.711 244	1 638	11 23.9
	29	3 50 2.06	5 3.60	19 24 30.3	17 36.0	1.712 882	1 584	11 25.0
	30	3 55 5.66	5 4.68	19 42 6.3	17 4.4	1.714 466	1 528	11 26.1
	31	4 0 10.34	5 5.77	19 59 10.7	16 32.1	1.715 994	1 473	11 27.3
Juni	1	4 5 16.11	5 6.83	+20 15 42.8	15 59.1	1.717 467	1 419	11 28.4
	2	4 10 22.94	5 7.88	20 31 41.9	15 25.7	1.718 886	1 364	11 29.6
	3	4 15 30.82	5 8.90	20 47 7.6	14 51.5	1.720 250	1 308	11 30.8
	4	4 20 39.72	5 9.92	21 1 59.1	14 16.8	1.721 558	1 254	11 32.0
	5	4 25 49.64	5 10.91	21 16 15.9	13 41.5	1.722 812	1 198	11 33.2
	6	4 31 0.55	5 11.86	21 29 57.4	13 5.6	1.724 010	1 143	11 34.5
	7	4 36 12.41	5 12.81	+21 43 3.0	12 29.3	1.725 153	1 088	11 35.8
	8	4 41 25.22	5 13.72	21 55 32.3	11 52.3	1.726 241	1 032	11 37.0
	9	4 46 38.94	5 14.59	22 7 24.6	11 14.9	1.727 273	975	11 38.3
	10	4 51 53.53	5 15.44	22 18 39.5	10 37.0	1.728 248	920	11 39.6
	11	4 57 8.97	5 16.25	22 29 16.5	9 58.6	1.729 168	862	11 41.0
	12	5 2 25.22		+22 39 15.1		1.730 030		11 42.3

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944	h m s	m s	° ′ ″	′ ″			h m
Juni 12	5 2 25.22	5 17.02	+22 39 15.1	9 19.8	1.730 030	805	11 42.3
13	5 7 42.24	5 17.74	22 48 34.9	8 40.5	1.730 835	748	11 43.6
14	5 12 59.98	5 18.43	22 57 15.4	8 0.9	1.731 583	689	11 45.0
15	5 18 18.41	5 19.07	23 5 16.3	7 20.8	1.732 272	631	11 46.4
16	5 23 37.48	5 19.65	23 12 37.1	6 40.5	1.732 903	571	11 47.8
17	5 28 57.13	5 20.19	23 19 17.6	5 59.7	1.733 474	512	11 49.2
18	5 34 17.32	5 20.67	+23 25 17.3	5 18.8	1.733 986	452	11 50.6
19	5 39 37.99	5 21.10	23 30 36.1	4 37.5	1.734 438	393	11 52.0
20	5 44 59.09	5 21.47	23 35 13.6	3 55.9	1.734 831	332	11 53.4
21	5 50 20.56	5 21.78	23 39 9.5	3 14.2	1.735 163	272	11 54.8
22	5 55 42.34	5 22.03	23 42 23.7	2 32.2	1.735 435	212	11 56.2
23	6 1 4.37	5 22.23	23 44 55.9	1 50.2	1.735 647	152	11 57.6
24	6 6 26.60	5 22.37	+23 46 46.1	1 8.0	1.735 799	93	11 59.1
25	6 11 48.97	5 22.45	23 47 54.1	0 25.6	1.735 892	32	12 0.5
26	6 17 11.42	5 22.46	23 48 19.7	0 16.6	1.735 924	28	12 1.9
27	6 22 33.88	5 22.43	23 48 3.1	0 59.1	1.735 896	87	12 3.4
28	6 27 56.31	5 22.32	23 47 4.0	1 41.5	1.735 809	146	12 4.8
29	6 33 18.63	5 22.16	23 45 22.5	2 23.7	1.735 663	206	12 6.2
30	6 38 40.79	5 21.95	+23 42 58.8	3 6.1	1.735 457	264	12 7.7
Juli 1	6 44 2.74	5 21.68	23 39 52.7	3 48.2	1.735 193	323	12 9.1
2	6 49 24.42	5 21.34	23 36 4.5	4 30.3	1.734 870	382	12 10.5
3	6 54 45.76	5 20.96	23 31 34.2	5 12.1	1.734 488	439	12 11.9
4	7 0 6.72	5 20.52	23 26 22.1	5 53.8	1.734 049	498	12 13.3
5	7 5 27.24	5 20.03	23 20 28.3	6 35.3	1.733 551	555	12 14.7
6	7 10 47.27	5 19.50	+23 13 53.0	7 16.5	1.732 996	613	12 16.1
7	7 16 6.77	5 18.91	23 6 36.5	7 57.5	1.732 383	670	12 17.5
8	7 21 25.68	5 18.28	22 58 39.0	8 38.2	1.731 713	728	12 18.9
9	7 26 43.96	5 17.59	22 50 0.8	9 18.5	1.730 985	785	12 20.2
10	7 32 1.55	5 16.88	22 40 42.3	9 58.5	1.730 200	842	12 21.6
11	7 37 18.43	5 16.12	22 30 43.8	10 38.1	1.729 358	901	12 22.9
12	7 42 34.55	5 15.31	+22 20 5.7	11 17.3	1.728 457	959	12 24.2
13	7 47 49.86	5 14.47	22 8 48.4	11 56.1	1.727 498	1 017	12 25.5
14	7 53 4.33	5 13.58	21 56 52.3	12 34.4	1.726 481	1 075	12 26.8
15	7 58 17.91	5 12.67	21 44 17.9	13 12.3	1.725 406	1 134	12 28.1
16	8 3 30.58	5 11.72	21 31 5.6	13 49.7	1.724 272	1 192	12 29.3
17	8 8 42.30	5 10.73	21 17 15.9	14 26.5	1.723 080	1 251	12 30.6
18	8 13 53.03	5 9.72	+21 2 49.4	15 2.9	1.721 829	1 310	12 31.8
19	8 19 2.75	5 8.68	20 47 46.5	15 38.7	1.720 519	1 369	12 33.0
20	8 24 11.43	5 7.61	20 32 7.8	16 13.9	1.719 150	1 427	12 34.2
21	8 29 19.04	5 6.52	20 15 53.9	16 48.4	1.717 723	1 485	12 35.4
22	8 34 25.56	5 5.40	19 59 5.5	17 22.5	1.716 238	1 543	12 36.6
23	8 39 30.96		+19 41 43.0		1.714 695		12 37.7

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944		h m s	m s	° ′ ″	′ ″			h m
Juli	23	8 39 30.96	5 4.28	+19 41 43.0	17 55.9	1.714 695	1 601	12 37.7
	24	8 44 35.24	5 3.14	19 23 47.1	18 28.7	1.713 094	1 658	12 38.8
	25	8 49 38.38	5 1.98	19 5 18.4	19 0.9	1.711 436	1 715	12 39.9
	26	8 54 40.36	5 0.82	18 46 17.5	19 32.3	1.709 721	1 771	12 41.0
	27	8 59 41.18	4 59.65	18 26 45.2	20 3.1	1.707 950	1 828	12 42.1
	28	9 4 40.83	4 58.47	18 6 42.1	20 33.3	1.706 122	1 884	12 43.1
	29	9 9 39.30	4 57.29	+17 46 8.8	21 2.8	1.704 238	1 938	12 44.1
	30	9 14 36.59	4 56.11	17 25 6.0	21 31.5	1.702 300	1 994	12 45.1
	31	9 19 32.70	4 54.95	17 3 34.5	21 59.6	1.700 306	2 047	12 46.1
Aug.	1	9 24 27.65	4 53.77	16 41 34.9	22 27.0	1.698 259	2 101	12 47.1
	2	9 29 21.42	4 52.61	16 19 7.9	22 53.6	1.696 158	2 155	12 48.0
	3	9 34 14.03	4 51.47	15 56 14.3	23 19.6	1.694 003	2 207	12 48.9
	4	9 39 5.50	4 50.33	+15 32 54.7	23 44.9	1.691 796	2 258	12 49.8
	5	9 43 55.83	4 49.22	15 9 9.8	24 9.5	1.689 538	2 311	12 50.7
	6	9 48 45.05	4 48.11	14 45 0.3	24 33.3	1.687 227	2 362	12 51.6
	7	9 53 33.16	4 47.04	14 20 27.0	24 56.5	1.684 865	2 412	12 52.5
	8	9 58 20.20	4 45.98	13 55 30.5	25 18.9	1.682 453	2 464	12 53.3
	9	10 3 6.18	4 44.95	13 30 11.6	25 40.5	1.679 989	2 515	12 54.1
	10	10 7 51.13	4 43.93	+13 4 31.1	26 1.6	1.677 474	2 566	12 54.9
	11	10 12 35.06	4 42.94	12 38 29.5	26 21.9	1.674 908	2 617	12 55.7
	12	10 17 18.00	4 41.98	12 12 7.6	26 41.4	1.672 291	2 668	12 56.4
	13	10 21 59.98	4 41.05	11 45 26.2	27 0.1	1.669 623	2 718	12 57.2
	14	10 26 41.03	4 40.13	11 18 26.1	27 18.3	1.666 905	2 769	12 57.9
	15	10 31 21.16	4 39.24	10 51 7.8	27 35.6	1.664 136	2 820	12 58.6
	16	10 36 0.40	4 38.39	+10 23 32.2	27 52.2	1.661 316	2 870	12 59.3
	17	10 40 38.79	4 37.57	9 55 40.0	28 8.1	1.658 446	2 921	13 0.0
	18	10 45 16.36	4 36.77	9 27 31.9	28 23.3	1.655 525	2 970	13 0.7
	19	10 49 53.13	4 36.01	8 59 8.6	28 37.6	1.652 555	3 020	13 1.4
	20	10 54 29.14	4 35.27	8 30 31.0	28 51.3	1.649 535	3 069	13 2.0
	21	10 59 4.41	4 34.58	8 1 39.7	29 4.2	1.646 466	3 118	13 2.7
	22	11 3 38.99	4 33.91	+ 7 32 35.5	29 16.5	1.643 348	3 167	13 3.3
	23	11 8 12.90	4 33.28	7 3 19.0	29 27.9	1.640 181	3 215	13 3.9
	24	11 12 46.18	4 32.69	6 33 51.1	29 38.6	1.636 966	3 262	13 4.5
	25	11 17 18.87	4 32.13	6 4 12.5	29 48.6	1.633 704	3 309	13 5.1
	26	11 21 51.00	4 31.62	5 34 23.9	29 57.9	1.630 395	3 356	13 5.7
	27	11 26 22.62	4 31.13	5 4 26.0	30 6.4	1.627 039	3 402	13 6.3
	28	11 30 53.75	4 30.69	+ 4 34 19.6	30 14.2	1.623 637	3 447	13 6.8
	29	11 35 24.44	4 30.29	4 4 5.4	30 21.3	1.620 190	3 491	13 7.4
	30	11 39 54.73	4 29.93	3 33 44.1	30 27.7	1.616 699	3 536	13 8.0
	31	11 44 24.66	4 29.61	3 3 16.4	30 33.4	1.613 163	3 579	13 8.5
Sept.	1	11 48 54.27	4 29.33	2 32 43.0	30 38.2	1.609 584	3 621	13 9.1
	2	11 53 23.60		+ 2 2 4.8		1.605 963		13 9.6

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944	h m s	m s	° ′ ″	′ ″			h m
Sept. 2	11 53 23.60	4 29.10	+ 2 2 4.8	30 42.5	1.605 963	3 664	13 9.6
3	11 57 52.70	4 28.92	1 31 22.3	30 46.0	1.602 299	3 705	13 10.2
4	11 2 21.62	4 28.77	1 0 36.3	30 48.8	1.598 594	3 745	13 10.7
5	12 6 50.39	4 28.68	+ 0 29 47.5	30 50.9	1.594 849	3 787	13 11.2
6	12 11 19.07	4 28.62	− 0 1 3.4	30 52.4	1.591 062	3 827	13 11.8
7	12 15 47.69	4 28.62	0 31 55.8	30 53.0	1.587 235	3 867	13 12.3
8	12 20 16.31	4 28.66	− 1 2 48.8	30 53.1	1.583 368	3 907	13 12.9
9	12 24 44.97	4 28.74	1 33 41.9	30 52.4	1.579 461	3 947	13 13.4
10	12 29 13.71	4 28.87	2 4 34.3	30 50.9	1.575 514	3 987	13 13.9
11	12 33 42.58	4 29.04	2 35 25.2	30 48.8	1.571 527	4 028	13 14.5
12	12 38 11.62	4 29.24	3 6 14.0	30 46.0	1.567 499	4 067	13 15.0
13	12 42 40.86	4 29.50	3 37 0.0	30 42.3	1.563 432	4 107	13 15.6
14	12 47 10.36	4 29.79	− 4 7 42.3	30 38.0	1.559 325	4 146	13 16.1
15	12 51 40.15	4 30.13	4 38 20.3	30 33.0	1.555 179	4 186	13 16.7
16	12 56 10.28	4 30.50	5 8 53.3	30 27.1	1.550 993	4 224	13 17.2
17	13 0 40.78	4 30.92	5 39 20.4	30 20.6	1.546 769	4 264	13 17.8
18	13 5 11.70	4 31.37	6 9 41.0	30 13.3	1.542 505	4 302	13 18.4
19	13 9 43.07	4 31.87	6 39 54.3	30 5.3	1.538 203	4 341	13 19.0
20	13 14 14.94	4 32.40	− 7 9 59.6	29 56.5	1.533 862	4 378	13 19.6
21	13 18 47.34	4 32.96	7 39 56.1	29 47.0	1.529 484	4 416	13 20.2
22	13 23 20.30	4 33.58	8 9 43.1	29 36.7	1.525 068	4 454	13 20.8
23	13 27 53.88	4 34.22	8 39 19.8	29 25.6	1.520 614	4 490	13 21.4
24	13 32 28.10	4 34.89	9 8 45.4	29 13.8	1.516 124	4 527	13 22.0
25	13 37 2.99	4 35.61	9 37 59.2	29 1.2	1.511 597	4 563	13 22.7
26	13 41 38.60	4 36.37	−10 7 0.4	28 47.8	1.507 034	4 598	13 23.3
27	13 46 14.97	4 37.15	10 35 48.2	28 33.7	1.502 436	4 632	13 24.0
28	13 50 52.12	4 37.97	11 4 21.9	28 18.9	1.497 804	4 667	13 24.7
29	13 55 30.09	4 38.81	11 32 40.8	28 3.2	1.493 137	4 700	13 25.4
30	14 0 8.90	4 39.71	12 0 44.0	27 46.7	1.488 437	4 734	13 26.1
Okt. 1	14 4 48.61	4 40.63	12 28 30.7	27 29.6	1.483 703	4 765	13 26.8
2	14 9 29.24	4 41.57	−12 56 0.3	27 11.6	1.478 938	4 797	13 27.6
3	14 14 10.81	4 42.56	13 23 11.9	26 52.9	1.474 141	4 828	13 28.3
4	14 18 53.37	4 43.57	13 50 4.8	26 33.5	1.469 313	4 860	13 29.1
5	14 23 36.94	4 44.62	14 16 38.3	26 13.2	1.464 453	4 890	13 29.9
6	14 28 21.56	4 45.69	14 42 51.5	25 52.3	1.459 563	4 920	13 30.7
7	14 33 7.25	4 46.79	15 8 43.8	25 30.5	1.454 643	4 951	13 31.5
8	14 37 54.04	4 47.90	−15 34 14.3	25 8.0	1.449 692	4 982	13 32.4
9	14 42 41.94	4 49.04	15 59 22.3	24 44.8	1.444 710	5 013	13 33.2
10	14 47 30.98	4 50.20	16 24 7.1	24 20.6	1.439 697	5 043	13 34.1
11	14 52 21.18	4 51.37	16 48 27.7	23 55.8	1.434 654	5 073	13 35.0
12	14 57 12.55	4 52.56	17 12 23.5	23 30.2	1.429 581	5 104	13 36.0
13	15 2 5.11		−17 35 53.7		1.424 477		13 36.9

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944	h m s	m s	° ′ ″	′ ″			h m
Okt. 13	15 2 5.11	4 53.76	−17 35 53.7	23 3.9	1.424 477	5 134	13 36.9
14	15 6 58.87	4 54.96	17 58 57.6	22 36.6	1.419 343	5 165	13 37.9
15	15 11 53.83	4 56.17	18 21 34.2	22 8.7	1.414 178	5 195	13 38.9
16	15 16 50.00	4 57.39	18 43 42.9	21 40.1	1.408 983	5 225	13 39.9
17	15 21 47.39	4 58.61	19 5 23.0	21 10.5	1.403 758	5 256	13 40.9
18	15 26 46.00	4 59.82	19 26 33.5	20 40.4	1.398 502	5 285	13 41.9
19	15 31 45.82	5 1.02	−19 47 13.9	20 9.3	1.393 217	5 316	13 43.0
20	15 36 46.84	5 2.22	20 7 23.2	19 37.6	1.387 901	5 346	13 44.1
21	15 41 49.06	5 3.42	20 27 0.8	19 5.2	1.382 555	5 375	13 45.2
22	15 46 52.48	5 4.58	20 46 6.0	18 31.9	1.377 180	5 405	13 46.3
23	15 51 57.06	5 5.75	21 4 37.9	17 58.1	1.371 775	5 433	13 47.5
24	15 57 2.81	5 6.88	21 22 36.0	17 23.4	1.366 342	5 462	13 48.6
25	16 2 9.69	5 8.00	−21 39 59.4	16 48.1	1.360 880	5 490	13 49.8
26	16 7 17.69	5 9.09	21 56 47.5	16 12.2	1.355 390	5 518	13 51.0
27	16 12 26.78	5 10.16	22 12 59.7	15 35.5	1.349 872	5 546	13 52.2
28	16 17 36.94	5 11.19	22 28 35.2	14 58.2	1.344 326	5 573	13 53.5
29	16 22 48.13	5 12.20	22 43 33.4	14 20.4	1.338 753	5 598	13 54.7
30	16 28 0.33	5 13.16	22 57 53.8	13 41.8	1.333 155	5 624	13 56.0
31	16 33 13.49	5 14.11	−23 11 35.6	13 2.8	1.327 531	5 650	13 57.3
Nov. 1	16 38 27.60	5 15.00	23 24 38.4	12 23.2	1.321 881	5 675	13 58.6
2	16 43 42.60	5 15.87	23 37 1.6	11 43.1	1.316 206	5 699	13 59.9
3	16 48 58.47	5 16.68	23 48 44.7	11 2.5	1.310 507	5 724	14 1.2
4	16 54 15.15	5 17.46	23 59 47.2	10 21.4	1.304 783	5 748	14 2.6
5	16 59 32.61	5 18.19	24 10 8.6	9 39.8	1.299 035	5 773	14 3.9
6	17 4 50.80	5 18.86	−24 19 48.4	8 57.8	1.293 262	5 797	14 5.3
7	17 10 9.66	5 19.48	24 28 46.2	8 15.5	1.287 465	5 822	14 6.7
8	17 15 29.14	5 20.05	24 37 1.7	7 32.7	1.281 643	5 846	14 8.1
9	17 20 49.19	5 20.56	24 44 34.4	6 49.7	1.275 797	5 871	14 9.5
10	17 26 9.75	5 21.00	24 51 24.1	6 6.3	1.269 926	5 896	14 10.9
11	17 31 30.75	5 21.39	24 57 30.4	5 22.5	1.264 030	5 920	14 12.3
12	17 36 52.14	5 21.70	−25 2 52.9	4 38.6	1.258 110	5 945	14 13.7
13	17 42 13.84	5 21.95	25 7 31.5	3 54.4	1.252 165	5 970	14 15.2
14	17 47 35.79	5 22.13	25 11 25.9	3 10.1	1.246 195	5 995	14 16.6
15	17 52 57.92	5 22.24	25 14 36.0	2 25.6	1.240 200	6 020	14 18.0
16	17 58 20.16	5 22.28	25 17 1.6	1 40.9	1.234 180	6 046	14 19.4
17	18 3 42.44	5 22.24	25 18 42.5	0 56.3	1.228 134	6 070	14 20.9
18	18 9 4.68	5 22.13	−25 19 38.8	0 11.6	1.222 064	6 096	14 22.3
19	18 14 26.81	5 21.94	25 19 50.4	0 33.3	1.215 968	6 121	14 23.7
20	18 19 48.75	5 21.69	25 19 17.1	1 18.0	1.209 847	6 146	14 25.1
21	18 25 10.44	5 21.34	25 17 59.1	2 2.6	1.203 701	6 170	14 26.5
22	18 30 31.78	5 20.94	25 15 56.5	2 47.3	1.197 531	6 195	14 28.0
23	18 35 52.72		−25 13 9.2		1.191 336		14 29.4

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944		h m s	m s	° ′ ″	′ ″			h m
Nov.	23	18 35 52.72	5 20.45	−25 13 9.2	3 31.6	1.191 336	6 220	14 29.4
	24	18 41 13.17	5 19.89	25 9 37.6	4 16.0	1.185 116	6 243	14 30.8
	25	18 46 33.06	5 19.26	25 5 21.6	5 0.0	1.178 873	6 266	14 32.2
	26	18 51 52.32	5 18.56	25 0 21.6	5 43.8	1.172 607	6 290	14 33.5
	27	18 57 10.88	5 17.79	24 54 37.8	6 27.4	1.166 317	6 312	14 34.9
	28	19 2 28.67	5 16.97	24 48 10.4	7 10.6	1.160 005	6 335	14 36.2
	29	19 7 45.64	5 16.07	−24 40 59.8	7 53.5	1.153 670	6 356	14 37.6
	30	19 13 1.71	5 15.11	24 33 6.3	8 36.0	1.147 314	6 377	14 38.9
Dez.	1	19 18 16.82	5 14.11	24 24 30.3	9 18.2	1.140 937	6 398	14 40.2
	2	19 23 30.93	5 13.04	24 15 12.1	9 59.8	1.134 539	6 420	14 41.5
	3	19 28 43.97	5 11.93	24 5 12.3	10 41.1	1.128 119	6 440	14 42.7
	4	19 33 55.90	5 10.76	23 54 31.2	11 21.9	1.121 679	6 461	14 44.0
	5	19 39 6.66	5 9.54	−23 43 9.3	12 2.1	1.115 218	6 482	14 45.2
	6	19 44 16.20	5 8.28	23 31 7.2	12 41.9	1.108 736	6 502	14 46.4
	7	19 49 24.48	5 6.98	23 18 25.3	13 21.0	1.102 234	6 523	14 47.6
	8	19 54 31.46	5 5.63	23 5 4.3	13 59.7	1.095 711	6 545	14 48.7
	9	19 59 37.09	5 4.24	22 51 4.6	14 37.7	1.089 166	6 565	14 49.9
	10	20 4 41.33	5 2.81	22 36 26.9	15 15.1	1.082 601	6 586	14 51.0
	11	20 9 44.14	5 1.35	−22 21 11.8	15 51.8	1.076 015	6 607	14 52.1
	12	20 14 45.49	4 59.85	22 5 20.0	16 27.9	1.069 408	6 628	14 53.2
	13	20 19 45.34	4 58.32	21 48 52.1	17 3.4	1.062 780	6 650	14 54.2
	14	20 24 43.66	4 56.76	21 31 48.7	17 38.1	1.056 130	6 671	14 55.2
	15	20 29 40.42	4 55.18	21 14 10.6	18 12.1	1.049 459	6 692	14 56.2
	16	20 34 35.60	4 53.56	20 55 58.5	18 45.5	1.042 767	6 714	14 57.2
	17	20 39 29.16	4 51.92	−20 37 13.0	19 18.1	1.036 053	6 736	14 58.1
	18	20 44 21.08	4 50.26	20 17 54.9	19 49.9	1.029 317	6 758	14 59.0
	19	20 49 11.34	4 48.57	19 58 5.0	20 20.9	1.022 559	6 779	14 59.9
	20	20 53 59.91	4 46.87	19 37 44.1	20 51.2	1.015 780	6 801	15 0.7
	21	20 58 46.78	4 45.15	19 16 52.9	21 20.8	1.008 979	6 822	15 1.5
	22	21 3 31.93	4 43.42	18 55 32.1	21 49.6	1.002 157	6 843	15 2.3
	23	21 8 15.35	4 41.67	−18 33 42.5	22 17.4	0.995 314	6 863	15 3.1
	24	21 12 57.02	4 39.90	18 11 25.1	22 44.5	0.988 451	6 883	15 3.8
	25	21 17 36.92	4 38.15	17 48 40.6	23 10.9	0.981 568	6 903	15 4.5
	26	21 22 15.07	4 36.38	17 25 29.7	23 36.4	0.974 665	6 922	15 5.2
	27	21 26 51.45	4 34.61	17 1 53.3	24 1.1	0.967 743	6 941	15 5.9
	28	21 31 26.06	4 32.85	16 37 52.2	24 25.0	0.960 802	6 959	15 6.5
	29	21 35 58.91	4 31.08	−16 13 27.2	24 48.1	0.953 843	6 977	15 7.1
	30	21 40 29.99	4 29.33	15 48 39.1	25 10.4	0.946 866	6 994	15 7.6
	31	21 44 59.32	4 27.58	15 23 28.7	25 31.9	0.939 872	7 011	15 8.1
	32	21 49 26.90		−14 57 56.8		0.932 861		15 8.6

Tag		0ʰ Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944		h m s	m s	° ′ ″	′ ″			h m
Jan.	0	4 12 29.64	0 34.20	+23 51 52.3	0 57.6	0.642 208	6 119	21 34.2
	1	4 11 55.44	0 30.57	23 50 54.7	0 52.2	0.648 327	6 261	21 29.8
	2	4 11 24.87	0 26.94	23 50 2.5	0 46.7	0.654 588	6 400	21 25.4
	3	4 10 57.93	0 23.33	23 49 15.8	0 40.7	0.660 988	6 536	21 21.1
	4	4 10 34.60	0 19.75	23 48 35.1	0 34.8	0.667 524	6 667	21 16.8
	5	4 10 14.85	0 16.19	23 48 0.3	0 28.7	0.674 191	6 795	21 12.6
	6	4 9 58.66	0 12.67	+23 47 31.6	0 22.5	0.680 986	6 919	21 8.5
	7	4 9 45.99	0 9.19	23 47 9.1	0 16.2	0.687 905	7 041	21 4.4
	8	4 9 36.80	0 5.76	23 46 52.9	0 9.9	0.694 946	7 158	21 0.4
	9	4 9 31.04	0 2.34	23 46 43.0	0 3.6	0.702 104	7 274	20 56.4
	10	4 9 28.70	0 1.01	23 46 39.4	0 2.8	0.709 378	7 385	20 52.4
	11	4 9 29.71	0 4.32	23 46 42.2	0 9.0	0.716 763	7 494	20 48.6
	12	4 9 34.03	0 7.58	+23 46 51.2	0 15.3	0.724 257	7 600	20 44.8
	13	4 9 41.61	0 10.80	23 47 6.5	0 21.5	0.731 857	7 704	20 41.0
	14	4 9 52.41	0 13.97	23 47 28.0	0 27.7	0.739 561	7 804	20 37.3
	15	4 10 6.38	0 17.08	23 47 55.7	0 33.6	0.747 365	7 902	20 33.6
	16	4 10 23.46	0 20.16	23 48 29.3	0 39.6	0.755 267	7 997	20 30.0
	17	4 10 43.62	0 23.18	23 49 8.9	0 45.4	0.763 264	8 089	20 26.5
	18	4 11 6.80	0 26.16	+23 49 54.3	0 51.2	0.771 353	8 180	20 23.0
	19	4 11 32.96	0 29.08	23 50 45.5	0 56.7	0.779 533	8 267	20 19.5
	20	4 12 2.04	0 31.96	23 51 42.2	1 2.1	0.787 800	8 352	20 16.1
	21	4 12 34.00	0 34.79	23 52 44.3	1 7.5	0.796 152	8 434	20 12.7
	22	4 13 8.79	0 37.58	23 53 51.8	1 12.6	0.804 586	8 514	20 9.4
	23	4 13 46.37	0 40.31	23 55 4.4	1 17.6	0.813 100	8 591	20 6.2
	24	4 14 26.68	0 43.01	+23 56 22.0	1 22.4	0.821 691	8 666	20 2.9
	25	4 15 9.69	0 45.65	23 57 44.4	1 27.1	0.830 357	8 737	19 59.7
	26	4 15 55.34	0 48.25	23 59 11.5	1 31.6	0.839 094	8 807	19 56.6
	27	4 16 43.59	0 50.79	24 0 43.1	1 35.9	0.847 901	8 873	19 53.5
	28	4 17 34.38	0 53.29	24 2 19.0	1 39.9	0.856 774	8 936	19 50.5
	29	4 18 27.67	0 55.72	24 3 58.9	1 43.8	0.865 710	8 997	19 47.5
	30	4 19 23.39	0 58.10	+24 5 42.7	1 47.5	0.874 707	9 055	19 44.5
	31	4 20 21.49	1 0.43	24 7 30.2	1 50.8	0.883 762	9 110	19 41.5
Febr.	1	4 21 21.92	1 2.70	24 9 21.0	1 54.1	0.892 872	9 164	19 38.6
	2	4 22 24.62	1 4.92	24 11 15.1	1 57.0	0.902 036	9 215	19 35.8
	3	4 23 29.54	1 7.08	24 13 12.1	1 59.6	0.911 251	9 264	19 33.0
	4	4 24 36.62	1 9.19	24 15 11.7	2 2.0	0.920 515	9 312	19 30.2
	5	4 25 45.81	1 11.25	+24 17 13.7	2 4.3	0.929 827	9 357	19 27.4
	6	4 26 57.06	1 13.26	24 19 18.0	2 6.1	0.939 184	9 400	19 24.7
	7	4 28 10.32	1 15.22	24 21 24.1	2 7.8	0.948 584	9 443	19 22.0
	8	4 29 25.54	1 17.14	24 23 31.9	2 9.3	0.958 027	9 483	19 19.3
	9	4 30 42.68	1 19.01	24 25 41.2	2 10.4	0.967 510	9 521	19 16.7
	10	4 32 1.69		+24 27 51.6		0.977 031		19 14.1

Tag	0ʰ Welt-Zeit: Scheinbare Rektaszension (h m s)	Diff. (m s)	0ʰ Welt-Zeit: Scheinbare Deklination (° ′ ″)	Diff. (′ ″)	Δ	Diff.	Obere Kulmination in Greenwich (h m)
1944							
Febr. 10	4 32 1.69	1 20.84	+24 27 51.6	2 11.4	0.977 031	9 559	19 14.1
11	4 33 22.53	1 22.63	24 30 3.0	2 12.0	0.986 590	9 595	19 11.5
12	4 34 45.16	1 24.38	24 32 15.0	2 12.6	0.996 185	9 630	19 9.0
13	4 36 9.54	1 26.09	24 34 27.6	2 12.8	1.005 815	9 663	19 6.5
14	4 37 35.63	1 27.77	24 36 40.4	2 12.8	1.015 478	9 694	19 4.0
15	4 39 3.40	1 29.41	24 38 53.2	2 12.7	1.025 172	9 725	19 1.6
16	4 40 32.81	1 31.01	+24 41 5.9	2 12.3	1.034 897	9 754	18 59.1
17	4 42 3.82	1 32.59	24 43 18.2	2 11.6	1.044 651	9 782	18 56.7
18	4 43 36.41	1 34.13	24 45 29.8	2 10.8	1.054 433	9 809	18 54.4
19	4 45 10.54	1 35.64	24 47 40.6	2 9.8	1.064 242	9 834	18 52.0
20	4 46 46.18	1 37.12	24 49 50.4	2 8.6	1.074 076	9 857	18 49.7
21	4 48 23.30	1 38.58	24 51 59.0	2 7.2	1.083 933	9 879	18 47.4
22	4 50 1.88	1 40.01	+24 54 6.2	2 5.6	1.093 812	9 900	18 45.1
23	4 51 41.89	1 41.41	24 56 11.8	2 3.8	1.103 712	9 918	18 42.8
24	4 53 23.30	1 42.77	24 58 15.6	2 1.8	1.113 630	9 936	18 40.6
25	4 55 6.07	1 44.12	25 0 17.4	1 59.7	1.123 566	9 950	18 38.4
26	4 56 50.19	1 45.41	25 2 17.1	1 57.3	1.133 516	9 965	18 36.2
27	4 58 35.60	1 46.69	25 4 14.4	1 54.7	1.143 481	9 976	18 34.1
28	5 0 22.29	1 47.92	+25 6 9.1	1 52.0	1.153 457	9 986	18 31.9
29	5 2 10.21	1 49.13	25 8 1.1	1 49.1	1.163 443	9 995	18 29.8
März 1	5 3 59.34	1 50.30	25 9 50.2	1 45.9	1.173 438	10 004	18 27.7
2	5 5 49.64	1 51.44	25 11 36.1	1 42.6	1.183 442	10 010	18 25.6
3	5 7 41.08	1 52.55	25 13 18.7	1 39.2	1.193 452	10 015	18 23.5
4	5 9 33.63	1 53.64	25 14 57.9	1 35.4	1.203 467	10 020	18 21.5
5	5 11 27.27	1 54.68	+25 16 33.3	1 31.5	1.213 487	10 023	18 19.4
6	5 13 21.95	1 55.71	25 18 4.8	1 27.6	1.223 510	10 025	18 17.4
7	5 15 17.66	1 56.71	25 19 32.4	1 23.3	1.233 535	10 028	18 15.4
8	5 17 14.37	1 57.68	25 20 55.7	1 19.0	1.243 563	10 029	18 13.4
9	5 19 12.05	1 58.63	25 22 14.7	1 14.5	1.253 592	10 029	18 11.5
10	5 21 10.68	1 59.55	25 23 29.2	1 9.8	1.263 621	10 028	18 9.5
11	5 23 10.23	2 0.46	+25 24 39.0	1 5.0	1.273 649	10 027	18 7.6
12	5 25 10.69	2 1.33	25 25 44.0	1 0.0	1.283 676	10 025	18 5.7
13	5 27 12.02	2 2.19	25 26 44.0	0 54.9	1.293 701	10 022	18 3.8
14	5 29 14.21	2 3.04	25 27 38.9	0 49.7	1.303 723	10 019	18 1.9
15	5 31 17.25	2 3.85	25 28 28.6	0 44.2	1.313 742	10 015	18 0.0
16	5 33 21.10	2 4.66	25 29 12.8	0 38.8	1.323 757	10 010	17 58.1
17	5 35 25.76	2 5.44	+25 29 51.6	0 33.2	1.333 767	10 005	17 56.3
18	5 37 31.20	2 6.21	25 30 24.8	0 27.3	1.343 772	9 998	17 54.4
19	5 39 37.41	2 6.96	25 30 52.1	0 21.6	1.353 770	9 991	17 52.6
20	5 41 44.37	2 7.71	25 31 13.7	0 15.6	1.363 761	9 983	17 50.8
21	5 43 52.08	2 8.42	25 31 29.3	0 9.5	1.373 744	9 973	17 49.0
22	5 46 0.50		+25 31 38.8		1.383 717		17 47.2

Tag		0ʰ Welt-Zeit						Obere Kulmination in Greenwich
		Scheinbare Rektaszension		Scheinbare Deklination		Δ		
1944		h m s	m s	° ′ ″	′ ″			h m
März	22	5 46 0.50	2 9.12	+25 31 38.8	0 3.2	1.383 717	9 963	17 47.2
	23	5 48 9.62	2 9.82	25 31 42.0	0 2.9	1.393 680	9 951	17 45.4
	24	5 50 19.44	2 10.48	25 31 39.1	0 9.4	1.403 631	9 938	17 43.6
	25	5 52 29.92	2 11.14	25 31 29.7	0 15.9	1.413 569	9 924	17 41.9
	26	5 54 41.06	2 11.76	25 31 13.8	0 22.5	1.423 493	9 909	17 40.1
	27	5 56 52.82	2 12.37	25 30 51.3	0 29.1	1.433 402	9 892	17 38.4
	28	5 59 5.19	2 12.96	+25 30 22.2	0 35.9	1.443 294	9 875	17 36.7
	29	6 1 18.15	2 13.53	25 29 46.3	0 42.8	1.453 169	9 856	17 35.0
	30	6 3 31.68	2 14.07	25 29 3.5	0 49.8	1.463 025	9 837	17 33.3
	31	6 5 45.75	2 14.60	25 28 13.7	0 56.8	1.472 862	9 818	17 31.6
April	1	6 8 0.35	2 15.11	25 27 16.9	1 4.0	1.482 680	9 797	17 29.9
	2	6 10 15.46	2 15.59	25 26 12.9	1 11.2	1.492 477	9 777	17 28.2
	3	6 12 31.05	2 16.07	+25 25 1.7	1 18.5	1.502 254	9 755	17 26.5
	4	6 14 47.12	2 16.52	25 23 43.2	1 25.9	1.512 009	9 732	17 24.8
	5	6 17 3.64	2 16.96	25 22 17.3	1 33.3	1.521 741	9 711	17 23.2
	6	6 19 20.60	2 17.37	25 20 44.0	1 40.9	1.531 452	9 687	17 21.5
	7	6 21 37.97	2 17.78	25 19 3.1	1 48.4	1.541 139	9 664	17 19.9
	8	6 23 55.75	2 18.18	25 17 14.7	1 56.0	1.550 803	9 641	17 18.2
	9	6 26 13.93	2 18.54	+25 15 18.7	2 3.8	1.560 444	9 617	17 16.6
	10	6 28 32.47	2 18.91	25 13 14.9	2 11.5	1.570 061	9 592	17 15.0
	11	6 30 51.38	2 19.26	25 11 3.4	2 19.3	1.579 653	9 568	17 13.4
	12	6 33 10.64	2 19.60	25 8 44.1	2 27.1	1.589 221	9 542	17 11.8
	13	6 35 30.24	2 19.93	25 6 17.0	2 35.1	1.598 763	9 517	17 10.1
	14	6 37 50.17	2 20.25	25 3 41.9	2 43.0	1.608 280	9 492	17 8.5
	15	6 40 10.42	2 20.55	+25 0 58.9	2 51.0	1.617 772	9 464	17 6.9
	16	6 42 30.97	2 20.85	24 58 7.9	2 59.0	1.627 236	9 438	17 5.3
	17	6 44 51.82	2 21.13	24 55 8.9	3 7.1	1.636 674	9 410	17 3.7
	18	6 47 12.95	2 21.42	24 52 1.8	3 15.1	1.646 084	9 382	17 2.2
	19	6 49 34.37	2 21.68	24 48 46.7	3 23.3	1.655 466	9 353	17 0.6
	20	6 51 56.05	2 21.94	24 45 23.4	3 31.5	1.664 819	9 322	16 59.0
	21	6 54 17.99	2 22.18	+24 41 51.9	3 39.5	1.674 141	9 291	16 57.4
	22	6 56 40.17	2 22.42	24 38 12.4	3 47.8	1.683 432	9 259	16 55.9
	23	6 59 2.59	2 22.64	24 34 24.6	3 56.0	1.692 691	9 226	16 54.3
	24	7 1 25.23	2 22.85	24 30 28.6	4 4.3	1.701 917	9 193	16 52.7
	25	7 3 48.08	2 23.04	24 26 24.3	4 12.4	1.711 110	9 157	16 51.2
	26	7 6 11.12	2 23.22	24 22 11.9	4 20.7	1.720 267	9 123	16 49.6
	27	7 8 34.34	2 23.39	+24 17 51.2	4 29.0	1.729 390	9 087	16 48.1
	28	7 10 57.73	2 23.54	24 13 22.2	4 37.3	1.738 477	9 050	16 46.5
	29	7 13 21.27	2 23.68	24 8 44.9	4 45.6	1.747 527	9 014	16 45.0
	30	7 15 44.95	2 23.81	24 3 59.3	4 53.8	1.756 541	8 977	16 43.4
Mai	1	7 18 8.76	2 23.93	23 59 5.5	5 2.2	1.765 518	8 939	16 41.9
	2	7 20 32.69		+23 54 3.3		1.774 457		16 40.4

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944	h m s	m s	° ′ ″	′ ″			h m
Mai 2	7 20 32.69	2 24.03	+23 54 3.3	5 10.4	1.774 457	8 902	16 40.4
3	7 22 56.72	2 24.12	23 48 52.9	5 18.7	1.783 359	8 863	16 38.8
4	7 25 20.84	2 24.21	23 43 34.2	5 27.0	1.792 222	8 825	16 37.3
5	7 27 45.05	2 24.29	23 38 7.2	5 35.3	1.801 047	8 787	16 35.7
6	7 30 9.34	2 24.34	23 32 31.9	5 43.5	1.809 834	8 748	16 34.2
7	7 32 33.68	2 24.41	23 26 48.4	5 51.8	1.818 582	8 710	16 32.7
8	7 34 58.09	2 24.45	+23 20 56.6	6 0.1	1.827 292	8 670	16 31.1
9	7 37 22.54	2 24.49	23 14 56.5	6 8.3	1.835 962	8 632	16 29.6
10	7 39 47.03	2 24.53	23 8 48.2	6 16.5	1.844 594	8 593	16 28.1
11	7 42 11.56	2 24.56	23 2 31.7	6 24.7	1.853 187	8 554	16 26.5
12	7 44 36.12	2 24.58	22 56 7.0	6 32.9	1.861 741	8 514	16 25.0
13	7 47 0.70	2 24.61	22 49 34.1	6 41.1	1.870 255	8 474	16 23.5
14	7 49 25.31	2 24.61	+22 42 53.0	6 49.2	1.878 729	8 434	16 21.9
15	7 51 49.92	2 24.63	22 36 3.8	6 57.3	1.887 163	8 393	16 20.4
16	7 54 14.55	2 24.64	22 29 6.5	7 5.5	1.895 556	8 352	16 18.9
17	7 56 39.19	2 24.64	22 22 1.0	7 13.6	1.903 908	8 311	16 17.4
18	7 59 3.83	2 24.64	22 14 47.4	7 21.6	1.912 219	8 268	16 15.8
19	8 1 28.47	2 24.63	22 7 25.8	7 29.6	1.920 487	8 225	16 14.3
20	8 3 53.10	2 24.62	+21 59 56.2	7 37.6	1.928 712	8 181	16 12.8
21	8 6 17.72	2 24.59	21 52 18.6	7 45.7	1.936 893	8 136	16 11.2
22	8 8 42.31	2 24.57	21 44 32.9	7 53.5	1.945 029	8 091	16 9.7
23	8 11 6.88	2 24.54	21 36 39.4	8 1.4	1.953 120	8 045	16 8.2
24	8 13 31.42	2 24.50	21 28 38.0	8 9.3	1.961 165	7 999	16 6.6
25	8 15 55.92	2 24.44	21 20 28.7	8 17.1	1.969 164	7 952	16 5.1
26	8 18 20.36	2 24.40	+21 12 11.6	8 24.8	1.977 116	7 904	16 3.6
27	8 20 44.76	2 24.33	21 3 46.8	8 32.6	1.985 020	7 856	16 2.0
28	8 23 9.09	2 24.26	20 55 14.2	8 40.2	1.992 876	7 809	16 0.5
29	8 25 33.35	2 24.18	20 46 34.0	8 47.9	2.000 685	7 761	15 59.0
30	8 27 57.53	2 24.11	20 37 46.1	8 55.5	2.008 446	7 712	15 57.4
31	8 30 21.64	2 24.02	20 28 50.6	9 2.9	2.016 158	7 664	15 55.9
Juni 1	8 32 45.66	2 23.93	+20 19 47.7	9 10.5	2.023 822	7 615	15 54.3
2	8 35 9.59	2 23.84	20 10 37.2	9 17.9	2.031 437	7 567	15 52.8
3	8 37 33.43	2 23.74	20 1 19.3	9 25.3	2.039 004	7 518	15 51.2
4	8 39 57.17	2 23.64	19 51 54.0	9 32.5	2.046 522	7 470	15 49.7
5	8 42 20.81	2 23.53	19 42 21.5	9 39.9	2.053 992	7 421	15 48.1
6	8 44 44.34	2 23.43	19 32 41.6	9 47.0	2.061 413	7 372	15 46.6
7	8 47 7.77	2 23.33	+19 22 54.6	9 54.3	2.068 785	7 324	15 45.0
8	8 49 31.10	2 23.21	19 13 0.3	10 1.3	2.076 109	7 276	15 43.5
9	8 51 54.31	2 23.11	19 2 59.0	10 8.4	2.083 385	7 227	15 41.9
10	8 54 17.42	2 23.00	18 52 50.6	10 15.5	2.090 612	7 179	15 40.4
11	8 56 40.42	2 22.90	18 42 35.1	10 22.4	2.097 791	7 130	15 38.8
12	8 59 3.32		+18 32 12.7		2.104 921		15 37.3

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944		h m s	m s	° ′ ″	′ ″			h m
Juni	12	8 59 3.32	2 22.80	+18 32 12.7	10 29.3	2.104 921	7 080	15 37.3
	13	9 1 26.12	2 22.69	18 21 43.4	10 36.2	2.112 001	7 031	15 35.7
	14	9 3 48.81	2 22.58	18 11 7.2	10 43.0	2.119 032	6 981	15 34.1
	15	9 6 11.39	2 22.49	18 0 24.2	10 49.8	2.126 013	6 931	15 32.6
	16	9 8 33.88	2 22.38	17 49 34.4	10 56.4	2.132 944	6 879	15 31.0
	17	9 10 56.26	2 22.28	17 38 38.0	11 3.1	2.139 823	6 828	15 29.4
	18	9 13 18.54	2 22.17	+17 27 34.9	11 9.7	2.146 651	6 775	15 27.9
	19	9 15 40.71	2 22.07	17 16 25.2	11 16.2	2.153 426	6 723	15 26.3
	20	9 18 2.78	2 21.96	17 5 9.0	11 22.7	2.160 149	6 669	15 24.7
	21	9 20 24.74	2 21.86	16 53 46.3	11 29.0	2.166 818	6 616	15 23.1
	22	9 22 46.60	2 21.74	16 42 17.3	11 35.4	2.173 434	6 562	15 21.6
	23	9 25 8.34	2 21.63	16 30 41.9	11 41.6	2.179 996	6 507	15 20.0
	24	9 27 29.97	2 21.52	+16 19 0.3	11 47.8	2.186 503	6 452	15 18.4
	25	9 29 51.49	2 21.41	16 7 12.5	11 53.8	2.192 955	6 398	15 16.8
	26	9 32 12.90	2 21.29	15 55 18.7	11 59.9	2.199 353	6 342	15 15.2
	27	9 34 34.19	2 21.17	15 43 18.8	12 5.9	2.205 695	6 288	15 13.7
	28	9 36 55.36	2 21.06	15 31 12.9	12 11.8	2.211 983	6 232	15 12.1
	29	9 39 16.42	2 20.94	15 19 1.1	12 17.5	2.218 215	6 177	15 10.5
	30	9 41 37.36	2 20.83	+15 6 43.6	12 23.4	2.224 392	6 122	15 8.9
Juli	1	9 43 58.19	2 20.71	14 54 20.2	12 29.0	2.230 514	6 067	15 7.3
	2	9 46 18.90	2 20.59	14 41 51.2	12 34.5	2.236 581	6 012	15 5.7
	3	9 48 39.49	2 20.49	14 29 16.7	12 40.1	2.242 593	5 957	15 4.1
	4	9 50 59.98	2 20.37	14 16 36.6	12 45.6	2.248 550	5 902	15 2.5
	5	9 53 20.35	2 20.26	14 3 51.0	12 50.9	2.254 452	5 848	15 0.9
	6	9 55 40.61	2 20.16	+13 51 0.1	12 56.3	2.260 300	5 794	14 59.3
	7	9 58 0.77	2 20.06	13 38 3.8	13 1.5	2.266 094	5 740	14 57.7
	8	10 0 20.83	2 19.96	13 25 2.3	13 6.7	2.271 834	5 686	14 56.1
	9	10 2 40.79	2 19.87	13 11 55.6	13 11.8	2.277 520	5 631	14 54.5
	10	10 5 0.66	2 19.78	12 58 43.8	13 16.9	2.283 151	5 577	14 52.8
	11	10 7 20.44	2 19.71	12 45 26.9	13 21.9	2.288 728	5 522	14 51.2
	12	10 9 40.15	2 19.62	+12 32 5.0	13 26.8	2.294 250	5 468	14 49.6
	13	10 11 59.77	2 19.55	12 18 38.2	13 31.7	2.299 718	5 412	14 48.0
	14	10 14 19.32	2 19.48	12 5 6.5	13 36.5	2.305 130	5 356	14 46.4
	15	10 16 38.80	2 19.42	11 51 30.0	13 41.2	2.310 486	5 300	14 44.8
	16	10 18 58.22	2 19.36	11 37 48.8	13 45.9	2.315 786	5 243	14 43.1
	17	10 21 17.58	2 19.29	11 24 2.9	13 50.5	2.321 029	5 186	14 41.5
	18	10 23 36.87	2 19.24	+11 10 12.4	13 55.0	2.326 215	5 128	14 39.9
	19	10 25 56.11	2 19.19	10 56 17.4	13 59.4	2.331 343	5 070	14 38.3
	20	10 28 15.30	2 19.13	10 42 18.0	14 3.7	2.336 413	5 012	14 36.7
	21	10 30 34.43	2 19.08	10 28 14.3	14 8.1	2.341 425	4 954	14 35.1
	22	10 32 53.51	2 19.03	10 14 6.2	14 12.2	2.346 379	4 895	14 33.4
	23	10 35 12.54		+ 9 59 54.0		2.351 274		14 31.8

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944		h m s	m s	° ′ ″	′ ″			h m
Juli	23	10 35 12.54	2 18.99	+9 59 54.0	14 16.3	2.351 274	4 836	14 31.8
	24	10 37 31.53	2 18.94	9 45 37.7	14 20.3	2.356 110	4 777	14 30.2
	25	10 39 50.47	2 18.90	9 31 17.4	14 24.3	2.360 887	4 718	14 28.5
	26	10 42 9.37	2 18.87	9 16 53.1	14 28.1	2.365 605	4 659	14 26.9
	27	10 44 28.24	2 18.83	9 2 25.0	14 31.9	2.370 264	4 601	14 25.3
	28	10 46 47.07	2 18.80	8 47 53.1	14 35.6	2.374 865	4 541	14 23.7
	29	10 49 5.87	2 18.77	+8 33 17.5	14 39.1	2.379 406	4 483	14 22.1
	30	10 51 24.64	2 18.74	8 18 38.4	14 42.7	2.383 889	4 424	14 20.4
	31	10 53 43.38	2 18.73	8 3 55.7	14 46.1	2.388 313	4 366	14 18.8
Aug.	1	10 56 2.11	2 18.71	7 49 9.6	14 49.5	2.392 679	4 308	14 17.2
	2	10 58 20.82	2 18.70	7 34 20.1	14 52.8	2.396 987	4 250	14 15.5
	3	11 0 39.52	2 18.69	7 19 27.3	14 55.9	2.401 237	4 193	14 13.9
	4	11 2 58.21	2 18.70	+7 4 31.4	14 59.0	2.405 430	4 136	14 12.3
	5	11 5 16.91	2 18.71	6 49 32.4	15 2.1	2.409 566	4 079	14 10.7
	6	11 7 35.62	2 18.72	6 34 30.3	15 5.1	2.413 645	4 022	14 9.0
	7	11 9 54.34	2 18.75	6 19 25.2	15 8.0	2.417 667	3 965	14 7.4
	8	11 12 13.09	2 18.77	6 4 17.2	15 10.8	2.421 632	3 908	14 5.8
	9	11 14 31.86	2 18.81	5 49 6.4	15 13.6	2.425 540	3 851	14 4.1
	10	11 16 50.67	2 18.86	+5 33 52.8	15 16.2	2.429 391	3 793	14 2.5
	11	11 19 9.53	2 18.91	5 18 36.6	15 18.9	2.433 184	3 736	14 0.9
	12	11 21 28.44	2 18.96	5 3 17.7	15 21.4	2.436 920	3 677	13 59.2
	13	11 23 47.40	2 19.03	4 47 56.3	15 23.9	2.440 597	3 618	13 57.6
	14	11 26 6.43	2 19.10	4 32 32.4	15 26.2	2.444 215	3 560	13 56.0
	15	11 28 25.53	2 19.16	4 17 6.2	15 28.6	2.447 775	3 500	13 54.4
	16	11 30 44.69	2 19.25	+4 1 37.6	15 30.7	2.451 275	3 441	13 52.8
	17	11 33 3.94	2 19.33	3 46 6.9	15 32.8	2.454 716	3 381	13 51.1
	18	11 35 23.27	2 19.41	3 30 34.1	15 34.9	2.458 097	3 321	13 49.5
	19	11 37 42.68	2 19.50	3 14 59.2	15 36.8	2.461 418	3 261	13 47.9
	20	11 40 2.18	2 19.60	2 59 22.4	15 38.6	2.464 679	3 201	13 46.3
	21	11 42 21.78	2 19.70	2 43 43.8	15 40.3	2.467 880	3 140	13 44.7
	22	11 44 41.48	2 19.81	+2 28 3.5	15 42.0	2.471 020	3 081	13 43.1
	23	11 47 1.29	2 19.92	2 12 21.5	15 43.5	2.474 101	3 020	13 41.5
	24	11 49 21.21	2 20.03	1 56 38.0	15 45.0	2.477 121	2 960	13 39.9
	25	11 51 41.24	2 20.15	1 40 53.0	15 46.4	2.480 081	2 900	13 38.3
	26	11 54 1.39	2 20.27	1 25 6.6	15 47.6	2.482 981	2 841	13 36.7
	27	11 56 21.66	2 20.41	1 9 19.0	15 48.8	2.485 822	2 781	13 35.0
	28	11 58 42.07	2 20.54	+0 53 30.2	15 49.8	2.488 603	2 722	13 33.4
	29	12 1 2.61	2 20.68	0 37 40.4	15 50.8	2.491 325	2 663	13 31.8
	30	12 3 23.29	2 20.83	0 21 49.6	15 51.6	2.493 988	2 605	13 30.2
	31	12 5 44.12	2 20.99	+0 5 58.0	15 52.4	2.496 593	2 547	13 28.7
Sept.	1	12 8 5.11	2 21.14	−0 9 54.4	15 53.2	2.499 140	2 489	13 27.1
	2	12 10 26.25		−0 25 47.6		2.501 629		13 25.5

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944	h m s	m s	° ′ ″	′ ″			h m
Sept. 2	12 10 26.25	2 21.32	— 0 25 47.6	15 53.7	2.501 629	2 432	13 25.5
3	12 12 47.57	2 21.50	0 41 41.3	15 54.2	2.504 061	2 375	13 23.9
4	12 15 9.07	2 21.68	0 57 35.5	15 54.7	2.506 436	2 318	13 22.3
5	12 17 30.75	2 21.89	1 13 30.2	15 55.0	2.508 754	2 261	13 20.7
6	12 19 52.64	2 22.08	1 29 25.2	15 55.3	2.511 015	2 204	13 19.2
7	12 22 14.72	2 22.30	1 45 20.5	15 55.4	2.513 219	2 147	13 17.6
8	12 24 37.02	2 22.52	— 2 1 15.9	15 55.5	2.515 366	2 090	13 16.0
9	12 26 59.54	2 22.75	2 17 11.4	15 55.6	2.517 456	2 032	13 14.5
10	12 29 22.29	2 22.99	2 33 7.0	15 55.4	2.519 488	1 974	13 12.9
11	12 31 45.28	2 23.22	2 49 2.4	15 55.2	2.521 462	1 917	13 11.3
12	12 34 8.50	2 23.48	3 4 57.6	15 55.0	2.523 379	1 858	13 9.8
13	12 36 31.98	2 23.73	3 20 52.6	15 54.5	2.525 237	1 799	13 8.2
14	12 38 55.71	2 23.99	— 3 36 47.1	15 54.0	2.527 036	1 741	13 6.7
15	12 41 19.70	2 24.26	3 52 41.1	15 53.4	2.528 777	1 682	13 5.2
16	12 43 43.96	2 24.53	4 8 34.5	15 52.6	2.530 459	1 624	13 3.6
17	12 46 8.49	2 24.81	4 24 27.1	15 51.8	2.532 083	1 564	13 2.1
18	12 48 33.30	2 25.09	4 40 18.9	15 50.9	2.533 647	1 506	13 0.6
19	12 50 58.39	2 25.38	4 56 9.8	15 49.8	2.535 153	1 447	12 59.1
20	12 53 23.77	2 25.67	— 5 11 59.6	15 48.6	2.536 600	1 388	12 57.6
21	12 55 49.44	2 25.98	5 27 48.2	15 47.3	2.537 988	1 330	12 56.0
22	12 58 15.42	2 26.28	5 43 35.5	15 45.8	2.539 318	1 272	12 54.5
23	13 0 41.70	2 26.59	5 59 21.3	15 44.3	2.540 590	1 214	12 53.0
24	13 3 8.29	2 26.91	6 15 5.6	15 42.7	2.541 804	1 156	12 51.5
25	13 5 35.20	2 27.23	6 30 48.3	15 40.9	2.542 960	1 099	12 50.0
26	13 8 2.43	2 27.56	— 6 46 29.2	15 39.0	2.544 059	1 041	12 48.6
27	13 10 29.99	2 27.90	7 2 8.2	15 36.9	2.545 100	986	12 47.1
28	13 12 57.89	2 28.24	7 17 45.1	15 34.9	2.546 086	930	12 45.6
29	13 15 26.13	2 28.59	7 33 20.0	15 32.5	2.547 016	874	12 44.1
30	13 17 54.72	2 28.94	7 48 52.5	15 30.2	2.547 890	819	12 42.7
Okt. 1	13 20 23.66	2 29.32	8 4 22.7	15 27.7	2.548 709	765	12 41.2
2	13 22 52.98	2 29.69	— 8 19 50.4	15 25.1	2.549 474	710	12 39.8
3	13 25 22.67	2 30.07	8 35 15.5	15 22.4	2.550 184	657	12 38.3
4	13 27 52.74	2 30.47	8 50 37.9	15 19.7	2.550 841	603	12 36.9
5	13 30 23.21	2 30.86	9 5 57.6	15 16.7	2.551 444	549	12 35.5
6	13 32 54.07	2 31.28	9 21 14.3	15 13.7	2.551 993	496	12 34.0
7	13 35 25.35	2 31.70	9 36 28.0	15 10.5	2.552 489	441	12 32.6
8	13 37 57.05	2 32.11	— 9 51 38.5	15 7.3	2.552 930	387	12 31.2
9	13 40 29.16	2 32.55	10 6 45.8	15 3.8	2.553 317	333	12 29.8
10	13 43 1.71	2 32.98	10 21 49.6	15 0.4	2.553 650	279	12 28.4
11	13 45 34.69	2 33.43	10 36 50.0	14 56.7	2.553 929	224	12 27.0
12	13 48 8.12	2 33.88	10 51 46.7	14 52.9	2.554 153	169	12 25.6
13	13 50 42.00		—11 6 39.6		2.554 322		12 24.3

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944	h m s	m s	° ′ ″	′ ″			h m
Okt. 13	13 50 42.00	2 34.33	−11 6 39.6	14 49.0	2.554 322	115	12 24.3
14	13 53 16.33	2 34.78	11 21 28.6	14 45.0	2.554 437	61	12 22.9
15	13 55 51.11	2 35.25	11 36 13.6	14 40.8	2.554 498	6	12 21.6
16	13 58 26.36	2 35.73	11 50 54.4	14 36.4	2.554 504	48	12 20.2
17	14 1 2.09	2 36.19	12 5 30.8	14 31.9	2.554 456	103	12 18.9
18	14 3 38.28	2 36.67	12 20 2.7	14 27.4	2.554 353	156	12 17.5
19	14 6 14.95	2 37.15	−12 34 30.1	14 22.5	2.554 197	211	12 16.2
20	14 8 52.10	2 37.64	12 48 52.6	14 17.7	2.553 986	264	12 14.9
21	14 11 29.74	2 38.13	13 3 10.3	14 12.6	2.553 722	317	12 13.6
22	14 14 7.87	2 38.63	13 17 22.9	14 7.4	2.553 405	370	12 12.3
23	14 16 46.50	2 39.12	13 31 30.3	14 2.0	2.553 035	423	12 11.0
24	14 19 25.62	2 39.62	13 45 32.3	13 56.6	2.552 612	474	12 9.7
25	14 22 5.24	2 40.14	−13 59 28.9	13 50.8	2.552 138	526	12 8.4
26	14 24 45.38	2 40.64	14 13 19.7	13 45.1	2.551 612	576	12 7.1
27	14 27 26.02	2 41.16	14 27 4.8	13 39.1	2.551 036	626	12 5.9
28	14 30 7.18	2 41.69	14 40 43.9	13 33.1	2.550 410	675	12 4.6
29	14 32 48.87	2 42.21	14 54 17.0	13 26.8	2.549 735	724	12 3.4
30	14 35 31.08	2 42.75	15 7 43.8	13 20.4	2.549 011	773	12 2.2
31	14 38 13.83	2 43.29	−15 21 4.2	13 13.9	2.548 238	821	12 1.0
Nov. 1	14 40 57.12	2 43.83	15 34 18.1	13 7.3	2.547 417	868	11 59.7
2	14 43 40.95	2 44.39	15 47 25.4	13 0.4	2.546 549	915	11 58.5
3	14 46 25.34	2 44.94	16 0 25.8	12 53.6	2.545 634	963	11 57.3
4	14 49 10.28	2 45.51	16 13 19.4	12 46.5	2.544 671	1 010	11 56.1
5	14 51 55.79	2 46.07	16 26 5.9	12 39.2	2.543 661	1 057	11 55.0
6	14 54 41.86	2 46.64	−16 38 45.1	12 31.9	2.542 604	1 104	11 53.8
7	14 57 28.50	2 47.22	16 51 17.0	12 24.3	2.541 500	1 152	11 52.6
8	15 0 15.72	2 47.79	17 3 41.3	12 16.7	2.540 348	1 199	11 51.5
9	15 3 3.51	2 48.38	17 15 58.0	12 8.9	2.539 149	1 246	11 50.3
10	15 5 51.89	2 48.95	17 28 6.9	12 0.8	2.537 903	1 293	11 49.2
11	15 8 40.84	2 49.53	17 40 7.7	11 52.7	2.536 610	1 340	11 48.1
12	15 11 30.37	2 50.12	−17 52 0.4	11 44.4	2.535 270	1 387	11 47.0
13	15 14 20.49	2 50.70	18 3 44.8	11 35.9	2.533 883	1 434	11 45.9
14	15 17 11.19	2 51.28	18 15 20.7	11 27.3	2.532 449	1 479	11 44.8
15	15 20 2.47	2 51.86	18 26 48.0	11 18.5	2.530 970	1 526	11 43.7
16	15 22 54.33	2 52.45	18 38 6.5	11 9.5	2.529 444	1 572	11 42.6
17	15 25 46.78	2 53.03	18 49 16.0	11 0.4	2.527 872	1 618	11 41.6
18	15 28 39.81	2 53.60	−19 0 16.4	10 51.1	2.526 254	1 663	11 40.5
19	15 31 33.41	2 54.19	19 11 7.5	10 41.7	2.524 591	1 707	11 39.5
20	15 34 27.60	2 54.76	19 21 49.2	10 32.0	2.522 884	1 752	11 38.4
21	15 37 22.36	2 55.33	19 32 21.2	10 22.3	2.521 132	1 795	11 37.4
22	15 40 17.69	2 55.90	19 42 43.5	10 12.3	2.519 337	1 838	11 36.4
23	15 43 13.59		−19 52 55.8		2.517 499		11 35.4

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944	h m s	m s	° ′ ″	′ ″			h m
Nov. 23	15 43 13.59	2 56.48	−19 52 55.8	10 2.2	2.517 499	1 880	11 35.4
24	15 46 10.07	2 57.04	20 2 58.0	9 52.0	2.515 619	1 922	11 34.4
25	15 49 7.11	2 57.62	20 12 50.0	9 41.5	2.513 697	1 962	11 33.4
26	15 52 4.73	2 58.18	20 22 31.5	9 31.0	2.511 735	2 002	11 32.4
27	15 55 2.91	2 58.74	20 32 2.5	9 20.2	2.509 733	2 041	11 31.5
28	15 58 1.65	2 59.31	20 41 22.7	9 9.4	2.507 692	2 080	11 30.5
29	16 1 0.96	2 59.88	−20 50 32.1	8 58.4	2.505 612	2 118	11 29.5
30	16 4 0.84	3 0.43	20 59 30.5	8 47.2	2.503 494	2 157	11 28.6
Dez. 1	16 7 1.27	3 1.00	21 8 17.7	8 36.0	2.501 337	2 193	11 27.7
2	16 10 2.27	3 1.55	21 16 53.7	8 24.5	2.499 144	2 231	11 26.8
3	16 13 3.82	3 2.12	21 25 18.2	8 12.9	2.496 913	2 268	11 25.9
4	16 16 5.94	3 2.66	21 33 31.1	8 1.2	2.494 645	2 306	11 25.0
5	16 19 8.60	3 3.21	−21 41 32.3	7 49.3	2.492 339	2 342	11 24.1
6	16 22 11.81	3 3.75	21 49 21.6	7 37.3	2.489 997	2 379	11 23.2
7	16 25 15.56	3 4.29	21 56 58.9	7 25.1	2.487 618	2 415	11 22.3
8	16 28 19.85	3 4.82	22 4 24.0	7 12.9	2.485 203	2 452	11 21.4
9	16 31 24.67	3 5.35	22 11 36.9	7 0.4	2.482 751	2 488	11 20.6
10	16 34 30.02	3 5.86	22 18 37.3	6 47.8	2.480 263	2 525	11 19.7
11	16 37 35.88	3 6.36	−22 25 25.1	6 35.1	2.477 738	2 560	11 18.9
12	16 40 42.24	3 6.87	22 32 0.2	6 22.2	2.475 178	2 596	11 18.0
13	16 43 49.11	3 7.36	22 38 22.4	6 9.3	2.472 582	2 631	11 17.2
14	16 46 56.47	3 7.84	22 44 31.7	5 56.1	2.469 951	2 666	11 16.4
15	16 50 4.31	3 8.31	22 50 27.8	5 42.9	2.467 285	2 701	11 15.6
16	16 53 12.62	3 8.77	22 56 10.7	5 29.4	2.464 584	2 735	11 14.8
17	16 56 21.39	3 9.21	−23 1 40.1	5 15.9	2.461 849	2 768	11 14.0
18	16 59 30.60	3 9.66	23 6 56.0	5 2.3	2.459 081	2 802	11 13.2
19	17 2 40.26	3 10.08	23 11 58.3	4 48.6	2.456 279	2 834	11 12.5
20	17 5 50.34	3 10.50	23 16 46.9	4 34.6	2.453 445	2 866	11 11.7
21	17 9 0.84	3 10.90	23 21 21.5	4 20.7	2.450 579	2 896	11 10.9
22	17 12 11.74	3 11.29	23 25 42.2	4 6.5	2.447 683	2 927	11 10.1
23	17 15 23.03	3 11.68	−23 29 48.7	3 52.4	2.444 756	2 956	11 9.4
24	17 18 34.71	3 12.04	23 33 41.1	3 38.0	2.441 800	2 985	11 8.7
25	17 21 46.75	3 12.41	23 37 19.1	3 23.6	2.438 815	3 012	11 7.9
26	17 24 59.16	3 12.76	23 40 42.7	3 9.1	2.435 803	3 039	11 7.2
27	17 28 11.92	3 13.10	23 43 51.8	2 54.6	2.432 764	3 066	11 6.5
28	17 31 25.02	3 13.43	23 46 46.4	2 39.9	2.429 698	3 092	11 5.7
29	17 34 38.45	3 13.76	−23 49 26.3	2 25.1	2.426 606	3 117	11 5.0
30	17 37 52.21	3 14.06	23 51 51.4	2 10.4	2.423 489	3 142	11 4.3
31	17 41 6.27	3 14.36	23 54 1.8	1 55.4	2.420 347	3 168	11 3.6
32	17 44 20.63		−23 55 57.2		2.417 179		11 2.9

Tag		0ʰ Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944		h m s	s	° ′ ″	′ ″			h m
Jan.	0	9 56 35.66	12.78	+13 32 31.9	1 23.2	4.632 580	11 607	3 21.8
	1	9 56 22.88	13.50	13 33 55.1	1 26.8	4.620 973	11 402	3 17.7
	2	9 56 9.38	14.20	13 35 21.9	1 30.4	4.609 571	11 194	3 13.5
	3	9 55 55.18	14.89	13 36 52.3	1 33.9	4.598 377	10 980	3 9.4
	4	9 55 40.29	15.57	13 38 26.2	1 37.4	4.587 397	10 762	3 5.2
	5	9 55 24.72	16.26	13 40 3.6	1 40.8	4.576 635	10 539	3 1.0
	6	9 55 8.46	16.93	+13 41 44.4	1 44.1	4.566 096	10 316	2 56.8
	7	9 54 51.53	17.58	13 43 28.5	1 47.3	4.555 780	10 084	2 52.6
	8	9 54 33.95	18.23	13 45 15.8	1 50.6	4.545 696	9 850	2 48.3
	9	9 54 15.72	18.88	13 47 6.4	1 53.6	4.535 846	9 614	2 44.1
	10	9 53 56.84	19.50	13 49 0.0	1 56.7	4.526 232	9 371	2 39.9
	11	9 53 37.34	20.12	13 50 56.7	1 59.7	4.516 861	9 124	2 35.6
	12	9 53 17.22	20.73	+13 52 56.4	2 2.6	4.507 737	8 876	2 31.3
	13	9 52 56.49	21.33	13 54 59.0	2 5.4	4.498 861	8 622	2 27.1
	14	9 52 35.16	21.91	13 57 4.4	2 8.1	4.490 239	8 364	2 22.8
	15	9 52 13.25	22.48	13 59 12.5	2 10.8	4.481 875	8 103	2 18.5
	16	9 51 50.77	23.04	14 1 23.3	2 13.3	4.473 772	7 838	2 14.2
	17	9 51 27.73	23.58	14 3 36.6	2 15.8	4.465 934	7 570	2 9.9
	18	9 51 4.15	24.11	+14 5 52.4	2 18.2	4.458 364	7 297	2 5.5
	19	9 50 40.04	24.62	14 8 10.6	2 20.4	4.451 067	7 021	2 1.2
	20	9 50 15.42	25.12	14 10 31.0	2 22.6	4.444 046	6 742	1 56.9
	21	9 49 50.30	25.61	14 12 53.6	2 24.7	4.437 304	6 459	1 52.5
	22	9 49 24.69	26.07	14 15 18.3	2 26.6	4.430 845	6 172	1 48.2
	23	9 48 58.62	26.51	14 17 44.9	2 28.5	4.424 673	5 882	1 43.8
	24	9 48 32.11	26.94	+14 20 13.4	2 30.2	4.418 791	5 590	1 39.4
	25	9 48 5.17	27.35	14 22 43.6	2 31.9	4.413 201	5 294	1 35.0
	26	9 47 37.82	27.74	14 25 15.5	2 33.4	4.407 907	4 995	1 30.7
	27	9 47 10.08	28.10	14 27 48.9	2 34.7	4.402 912	4 695	1 26.3
	28	9 46 41.98	28.45	14 30 23.6	2 36.0	4.398 217	4 390	1 21.9
	29	9 46 13.53	28.77	14 32 59.6	2 37.1	4.393 827	4 087	1 17.5
	30	9 45 44.76	29.08	+14 35 36.7	2 38.2	4.389 740	3 780	1 13.1
	31	9 45 15.68	29.35	14 38 14.9	2 39.0	4.385 960	3 472	1 8.6
Febr.	1	9 44 46.33	29.61	14 40 53.9	2 39.8	4.382 488	3 164	1 4.2
	2	9 44 16.72	29.85	14 43 33.7	2 40.5	4.379 324	2 852	0 59.8
	3	9 43 46.87	30.06	14 46 14.2	2 41.0	4.376 472	2 542	0 55.4
	4	9 43 16.81	30.26	14 48 55.2	2 41.4	4.373 930	2 229	0 50.9
	5	9 42 46.55	30.43	+14 51 36.6	2 41.7	4.371 701	1 916	0 46.5
	6	9 42 16.12	30.58	14 54 18.3	2 41.8	4.369 785	1 602	0 42.1
	7	9 41 45.54	30.70	14 57 0.1	2 42.0	4.368 183	1 289	0 37.6
	8	9 41 14.84	30.82	14 59 42.1	2 41.8	4.366 894	975	0 33.2
	9	9 40 44.02	30.90	15 2 23.9	2 41.7	4.365 919	660	0 28.8
	10	9 40 13.12		+15 5 5.6		4.365 259		0 24.3

Tag		0h Welt-Zeit						Obere Kulmination in Greenwich
		Scheinbare Rektaszension		Scheinbare Deklination		Δ		
1944		h m s	s	° ′ ″	′ ″			h m
Febr.	10	9 40 13.12	30.97	+15 5 5.6	2 41.4	4.365 259	344	0 24.3
	11	9 39 42.15	31.00	15 7 47.0	2 41.0	4.364 915	29	0 19.9
	12	9 39 11.15	31.02	15 10 28.0	2 40.5	4.364 886	286	0 15.4
	13	9 38 40.13	31.02	15 13 8.5	2 39.8	4.365 172	602	0 11.0
	14	9 38 9.11	30.99	15 15 48.3	2 39.1	4.365 774	917	0 6.5
	15	9 37 38.12	30.95	15 18 27.4	2 38.1	4.366 691	1 232	{0 2.1} {23 57.6}
	16	9 37 7.17	30.87	+15 21 5.5	2 37.2	4.367 923	1 546	23 53.2
	17	9 36 36.30	30.78	15 23 42.7	2 36.2	4.369 469	1 861	23 48.7
	18	9 36 5.52	30.66	15 26 18.9	2 35.0	4.371 330	2 174	23 44.3
	19	9 35 34.86	30.53	15 28 53.9	2 33.6	4.373 504	2 487	23 39.9
	20	9 35 4.33	30.36	15 31 27.5	2 32.3	4.375 991	2 799	23 35.4
	21	9 34 33.97	30.18	15 33 59.8	2 30.7	4.378 790	3 109	23 31.0
	22	9 34 3.79	29.97	+15 36 30.5	2 29.1	4.381 899	3 420	23 26.6
	23	9 33 33.82	29.73	15 38 59.6	2 27.4	4.385 319	3 726	23 22.1
	24	9 33 4.09	29.48	15 41 27.0	2 25.5	4.389 045	4 033	23 17.7
	25	9 32 34.61	29.20	15 43 52.5	2 23.6	4.393 078	4 337	23 13.3
	26	9 32 5.41	28.90	15 46 16.1	2 21.7	4.397 415	4 639	23 8.9
	27	9 31 36.51	28.58	15 48 37.8	2 19.5	4.402 054	4 936	23 4.5
	28	9 31 7.93	28.23	+15 50 57.3	2 17.2	4.406 990	5 233	23 0.1
	29	9 30 39.70	27.87	15 53 14.5	2 15.1	4.412 223	5 526	22 55.7
März	1	9 30 11.83	27.49	15 55 29.6	2 12.6	4.417 749	5 815	22 51.3
	2	9 29 44.34	27.09	15 57 42.2	2 10.2	4.423 564	6 103	22 46.9
	3	9 29 17.25	26.67	15 59 52.4	2 7.7	4.429 667	6 386	22 42.6
	4	9 28 50.58	26.23	16 2 0.1	2 5.1	4.436 053	6 667	22 38.2
	5	9 28 24.35	25.78	+16 4 5.2	2 2.5	4.442 720	6 944	22 33.8
	6	9 27 58.57	25.31	16 6 7.7	1 59.7	4.449 664	7 218	22 29.5
	7	9 27 33.26	24.82	16 8 7.4	1 57.0	4.456 882	7 488	22 25.2
	8	9 27 8.44	24.32	16 10 4.4	1 54.1	4.464 370	7 756	22 20.8
	9	9 26 44.12	23.81	16 11 58.5	1 51.3	4.472 126	8 019	22 16.5
	10	9 26 20.31	23.28	16 13 49.8	1 48.3	4.480 145	8 279	22 12.2
	11	9 25 57.03	22.73	+16 15 38.1	1 45.3	4.488 424	8 538	22 7.9
	12	9 25 34.30	22.17	16 17 23.4	1 42.2	4.496 962	8 788	22 3.6
	13	9 25 12.13	21.60	16 19 5.6	1 39.3	4.505 750	9 038	21 59.3
	14	9 24 50.53	21.02	16 20 44.9	1 36.1	4.514 788	9 285	21 55.0
	15	9 24 29.51	20.43	16 22 21.0	1 32.9	4.524 073	9 526	21 50.7
	16	9 24 9.08	19.81	16 23 53.9	1 29.7	4.533 599	9 766	21 46.4
	17	9 23 49.27	19.20	+16 25 23.6	1 26.4	4.543 365	10 001	21 42.2
	18	9 23 30.07	18.56	16 26 50.0	1 23.2	4.553 366	10 231	21 38.0
	19	9 23 11.51	17.92	16 28 13.2	1 19.9	4.563 597	10 458	21 33.7
	20	9 22 53.59	17.26	16 29 33.1	1 16.5	4.574 055	10 680	21 29.5
	21	9 22 36.33	16.60	16 30 49.6	1 13.2	4.584 735	10 899	21 25.3
	22	9 22 19.73		+16 32 2.8		4.595 634		21 21.1

Jupiter 1944

Tag		0ʰ Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944		h m s	s	° ′ ″	″			h m
März	22	9 22 19.73	15.92	+16 32 2.8	69.8	4.595 634	11 114	21 21.1
	23	9 22 3.81	15.24	16 33 12.6	66.3	4.606 748	11 323	21 16.9
	24	9 21 48.57	14.54	16 34 18.9	62.9	4.618 071	11 529	21 12.7
	25	9 21 34.03	13.84	16 35 21.8	59.4	4.629 600	11 727	21 8.6
	26	9 21 20.19	13.13	16 36 21.2	55.9	4.641 327	11 923	21 4.4
	27	9 21 7.06	12.41	16 37 17.1	52.4	4.653 250	12 114	21 0.3
	28	9 20 54.65	11.69	+16 38 9.5	48.8	4.665 364	12 298	20 56.2
	29	9 20 42.96	10.97	16 38 58.3	45.4	4.677 662	12 478	20 52.1
	30	9 20 31.99	10.23	16 39 43.7	41.8	4.690 140	12 653	20 48.0
	31	9 20 21.76	9.49	16 40 25.5	38.3	4.702 793	12 822	20 43.9
April	1	9 20 12.27	8.76	16 41 3.8	34.7	4.715 615	12 988	20 39.8
	2	9 20 3.51	8.02	16 41 38.5	31.2	4.728 603	13 148	20 35.7
	3	9 19 55.49	7.28	+16 42 9.7	27.6	4.741 751	13 305	20 31.7
	4	9 19 48.21	6.53	16 42 37.3	24.1	4.755 056	13 453	20 27.6
	5	9 19 41.68	5.80	16 43 1.4	20.6	4.768 509	13 601	20 23.6
	6	9 19 35.88	5.04	16 43 22.0	17.0	4.782 110	13 743	20 19.6
	7	9 19 30.84	4.30	16 43 39.0	13.6	4.795 853	13 879	20 15.6
	8	9 19 26.54	3.56	16 43 52.6	10.0	4.809 732	14 012	20 11.6
	9	9 19 22.98	2.81	+16 44 2.6	6.6	4.823 744	14 140	20 7.6
	10	9 19 20.17	2.06	16 44 9.2	3.0	4.837 884	14 263	20 3.6
	11	9 19 18.11	1.32	16 44 12.2	0.5	4.852 147	14 383	19 59.7
	12	9 19 16.79	0.58	16 44 11.7	3.9	4.866 530	14 498	19 55.7
	13	9 19 16.21	0.17	16 44 7.8	7.4	4.881 028	14 607	19 51.8
	14	9 19 16.38	0.90	16 44 0.4	10.9	4.895 635	14 715	19 47.9
	15	9 19 17.28	1.65	+16 43 49.5	14.3	4.910 350	14 817	19 44.0
	16	9 19 18.93	2.39	16 43 35.2	17.7	4.925 167	14 914	19 40.1
	17	9 19 21.32	3.13	16 43 17.5	21.2	4.940 081	15 007	19 36.2
	18	9 19 24.45	3.86	16 42 56.3	24.6	4.955 088	15 097	19 32.3
	19	9 19 28.31	4.60	16 42 31.7	28.0	4.970 185	15 180	19 28.5
	20	9 19 32.91	5.33	16 42 3.7	31.4	4.985 365	15 259	19 24.6
	21	9 19 38.24	6.06	+16 41 32.3	34.8	5.000 624	15 334	19 20.8
	22	9 19 44.30	6.79	16 40 57.5	38.1	5.015 958	15 404	19 17.0
	23	9 19 51.09	7.51	16 40 19.4	41.5	5.031 362	15 468	19 13.2
	24	9 19 58.60	8.23	16 39 37.9	44.9	5.046 830	15 528	19 9.4
	25	9 20 6.83	8.94	16 38 53.0	48.1	5.062 358	15 584	19 5.6
	26	9 20 15.77	9.66	16 38 4.9	51.5	5.077 942	15 634	19 1.8
	27	9 20 25.43	10.36	+16 37 13.4	54.7	5.093 576	15 680	18 58.0
	28	9 20 35.79	11.06	16 36 18.7	58.0	5.109 256	15 722	18 54.3
	29	9 20 46.85	11.75	16 35 20.7	61.2	5.124 978	15 758	18 50.5
	30	9 20 58.60	12.43	16 34 19.5	64.4	5.140 736	15 793	18 46.8
Mai	1	9 21 11.03	13.12	16 33 15.1	67.6	5.156 529	15 820	18 43.1
	2	9 21 24.15		+16 32 7.5		5.172 349		18 39.4

Tag	0h Welt-Zeit: Scheinbare Rektaszension		0h Welt-Zeit: Scheinbare Deklination		0h Welt-Zeit: Δ		Obere Kulmination in Greenwich
1944	h m s	"	° ' "	' "			h m
Mai 2	9 21 24.15	13.79	+16 32 7.5	1 10.8	5.172 349	15 846	18 39.4
3	9 21 37.94	14.45	16 30 56.7	1 13.9	5.188 195	15 865	18 35.7
4	9 21 52.39	15.11	16 29 42.8	1 17.1	5.204 060	15 883	18 32.0
5	9 22 7.50	15.77	16 28 25.7	1 20.1	5.219 943	15 896	18 28.3
6	9 22 23.27	16.41	16 27 5.6	1 23.2	5.235 839	15 905	18 24.7
7	9 22 39.68	17.06	16 25 42.4	1 26.3	5.251 744	15 910	18 21.0
8	9 22 56.74	17.69	+16 24 16.1	1 29.3	5.267 654	15 913	18 17.4
9	9 23 14.43	18.31	16 22 46.8	1 32.3	5.283 567	15 911	18 13.7
10	9 23 32.74	18.94	16 21 14.5	1 35.2	5.299 478	15 906	18 10.1
11	9 23 51.68	19.55	16 19 39.3	1 38.2	5.315 384	15 898	18 6.5
12	9 24 11.23	20.15	16 18 1.1	1 41.2	5.331 282	15 887	18 2.9
13	9 24 31.38	20.76	16 16 19.9	1 44.1	5.347 169	15 871	17 59.3
14	9 24 52.14	21.36	+16 14 35.8	1 47.0	5.363 040	15 851	17 55.7
15	9 25 13.50	21.94	16 12 48.8	1 49.9	5.378 891	15 831	17 52.2
16	9 25 35.44	22.53	16 10 58.9	1 52.9	5.394 722	15 806	17 48.6
17	9 25 57.97	23.11	16 9 6.0	1 55.6	5.410 528	15 775	17 45.1
18	9 26 21.08	23.69	16 7 10.4	1 58.4	5.426 303	15 742	17 41.5
19	9 26 44.77	24.25	16 5 12.0	2 1.3	5.442 045	15 705	17 38.0
20	9 27 9.02	24.81	+16 3 10.7	2 4.1	5.457 750	15 664	17 34.5
21	9 27 33.83	25.36	16 1 6.6	2 6.8	5.473 414	15 621	17 31.0
22	9 27 59.19	25.90	15 58 59.8	2 9.7	5.489 035	15 572	17 27.5
23	9 28 25.09	26.45	15 56 50.1	2 12.3	5.504 607	15 521	17 24.0
24	9 28 51.54	26.98	15 54 37.8	2 15.0	5.520 128	15 465	17 20.5
25	9 29 18.52	27.50	15 52 22.8	2 17.7	5.535 593	15 405	17 17.0
26	9 29 46.02	28.01	+15 50 5.1	2 20.4	5.550 998	15 345	17 13.5
27	9 30 14.03	28.52	15 47 44.7	2 23.0	5.566 343	15 278	17 10.1
28	9 30 42.55	29.02	15 45 21.7	2 25.6	5.581 621	15 211	17 6.6
29	9 31 11.57	29.51	15 42 56.1	2 28.2	5.596 832	15 139	17 3.2
30	9 31 41.08	29.99	15 40 27.9	2 30.8	5.611 971	15 064	16 59.7
31	9 32 11.07	30.47	15 37 57.1	2 33.3	5.627 035	14 988	16 56.3
Juni 1	9 32 41.54	30.94	+15 35 23.8	2 35.8	5.642 023	14 909	16 52.9
2	9 33 12.48	31.40	15 32 48.0	2 38.2	5.656 932	14 824	16 49.5
3	9 33 43.88	31.85	15 30 9.8	2 40.8	5.671 756	14 741	16 46.1
4	9 34 15.73	32.30	15 27 29.0	2 43.2	5.686 497	14 652	16 42.7
5	9 34 48.03	32.73	15 24 45.8	2 45.6	5.701 149	14 563	16 39.3
6	9 35 20.76	33.17	15 22 0.2	2 48.0	5.715 712	14 470	16 35.9
7	9 35 53.93	33.59	+15 19 12.2	2 50.4	5.730 182	14 375	16 32.5
8	9 36 27.52	34.01	15 16 21.8	2 52.8	5.744 557	14 279	16 29.1
9	9 37 1.53	34.42	15 13 29.0	2 55.1	5.758 836	14 180	16 25.8
10	9 37 35.95	34.84	15 10 33.9	2 57.4	5.773 016	14 077	16 22.4
11	9 38 10.79	35.23	15 7 36.5	2 59.7	5.787 093	13 974	16 19.1
12	9 38 46.02		+15 4 36.8		5.801 067		16 15.7

Tag	0h Welt-Zeit Scheinbare Rektaszension		0h Welt-Zeit Scheinbare Deklination		0h Welt-Zeit Δ		Obere Kulmination in Greenwich
1944	h m s	s	° ′ ″	′ ″			h m
Juni 12	9 38 46.02	35.62	+15 4 36.8	3 2.0	5.801 067	13 868	16 15.7
13	9 39 21.64	36.02	15 1 34.8	3 4.2	5.814 935	13 758	16 12.4
14	9 39 57.66	36.40	14 58 30.6	3 6.5	5.828 693	13 646	16 9.1
15	9 40 34.06	36.77	14 55 24.1	3 8.7	5.842 339	13 532	16 5.7
16	9 41 10.83	37.15	14 52 15.4	3 10.9	5.855 871	13 416	16 2.4
17	9 41 47.98	37.51	14 49 4.5	3 13.1	5.869 287	13 295	15 59.1
18	9 42 25.49	37.87	+14 45 51.4	3 15.3	5.882 582	13 173	15 55.8
19	9 43 3.36	38.23	14 42 36.1	3 17.4	5.895 755	13 048	15 52.5
20	9 43 41.59	38.57	14 39 18.7	3 19.6	5.908 803	12 921	15 49.2
21	9 44 20.16	38.91	14 35 59.1	3 21.6	5.921 724	12 791	15 45.9
22	9 44 59.07	39.24	14 32 37.5	3 23.7	5.934 515	12 657	15 42.6
23	9 45 38.31	39.56	14 29 13.8	3 25.7	5.947 172	12 524	15 39.3
24	9 46 17.87	39.89	+14 25 48.1	3 27.8	5.959 696	12 387	15 36.1
25	9 46 57.76	40.19	14 22 20.3	3 29.8	5.972 083	12 248	15 32.8
26	9 47 37.95	40.49	14 18 50.5	3 31.7	5.984 331	12 106	15 29.6
27	9 48 18.44	40.80	14 15 18.8	3 33.7	5.996 437	11 964	15 26.3
28	9 48 59.24	41.08	14 11 45.1	3 35.7	6.008 401	11 821	15 23.0
29	9 49 40.32	41.37	14 8 9.4	3 37.5	6.020 222	11 673	15 19.8
30	9 50 21.69	41.65	+14 4 31.9	3 39.4	6.031 895	11 525	15 16.5
Juli 1	9 51 3.34	41.92	14 0 52.5	3 41.3	6.043 420	11 376	15 13.3
2	9 51 45.26	42.18	13 57 11.2	3 43.1	6.054 796	11 226	15 10.1
3	9 52 27.44	42.44	13 53 28.1	3 44.8	6.066 022	11 071	15 6.8
4	9 53 9.88	42.70	13 49 43.3	3 46.7	6.077 093	10 919	15 3.6
5	9 53 52.58	42.94	13 45 56.6	3 48.4	6.088 012	10 763	15 0.4
6	9 54 35.52	43.19	+13 42 8.2	3 50.2	6.098 775	10 608	14 57.2
7	9 55 18.71	43.43	13 38 18.0	3 51.9	6.109 383	10 449	14 54.0
8	9 56 2.14	43.66	13 34 26.1	3 53.6	6.119 832	10 288	14 50.8
9	9 56 45.80	43.89	13 30 32.5	3 55.3	6.130 120	10 129	14 47.6
10	9 57 29.69	44.12	13 26 37.2	3 57.0	6.140 249	9 966	14 44.4
11	9 58 13.81	44.34	13 22 40.2	3 58.6	6.150 215	9 802	14 41.2
12	9 58 58.15	44.55	+13 18 41.6	4 0.2	6.160 017	9 635	14 38.0
13	9 59 42.70	44.76	13 14 41.4	4 1.8	6.169 652	9 468	14 34.8
14	10 0 27.46	44.97	13 10 39.6	4 3.4	6.179 120	9 299	14 31.6
15	10 1 12.43	45.17	13 6 36.2	4 5.0	6.188 419	9 125	14 28.4
16	10 1 57.60	45.36	13 2 31.2	4 6.5	6.197 544	8 954	14 25.2
17	10 2 42.96	45.56	12 58 24.7	4 8.0	6.206 498	8 778	14 22.0
18	10 3 28.52	45.74	+12 54 16.7	4 9.5	6.215 276	8 602	14 18.9
19	10 4 14.26	45.92	12 50 7.2	4 11.0	6.223 878	8 424	14 15.7
20	10 5 0.18	46.09	12 45 56.2	4 12.4	6.232 302	8 244	14 12.5
21	10 5 46.27	46.26	12 41 43.8	4 13.8	6.240 546	8 062	14 9.4
22	10 6 32.53	46.42	12 37 30.0	4 15.2	6.248 608	7 880	14 6.2
23	10 7 18.95		+12 33 14.8		6.256 488		14 3.0

Tag		0h Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944		h m s	s	° ′ ″	′ ″			h m
Juli	23	10 7 18.95	46.58	+12 33 14.8	4 16.6	6.256 488	7 696	14 3.0
	24	10 8 5.53	46.73	12 28 58.2	4 17.9	6.264 184	7 512	13 59.9
	25	10 8 52.26	46.87	12 24 40.3	4 19.2	6.271 696	7 326	13 56.7
	26	10 9 39.13	47.01	12 20 21.1	4 20.5	6.279 022	7 140	13 53.6
	27	10 10 26.14	47.15	12 16 0.6	4 21.7	6.286 162	6 951	13 50.4
	28	10 11 13.29	47.28	12 11 38.9	4 23.0	6.293 113	6 763	13 47.3
	29	10 12 0.57	47.40	+12 7 15.9	4 24.1	6.299 876	6 573	13 44.1
	30	10 12 47.97	47.52	12 2 51.8	4 25.3	6.306 449	6 383	13 41.0
	31	10 13 35.49	47.64	11 58 26.5	4 26.5	6.312 832	6 192	13 37.8
Aug.	1	10 14 23.13	47.75	11 54 0.0	4 27.5	6.319 024	6 001	13 34.7
	2	10 15 10.88	47.85	11 49 32.5	4 28.7	6.325 025	5 809	13 31.6
	3	10 15 58.73	47.96	11 45 3.8	4 29.8	6.330 834	5 617	13 28.4
	4	10 16 46.69	48.05	+11 40 34.0	4 30.8	6.336 451	5 424	13 25.3
	5	10 17 34.74	48.14	11 36 3.2	4 31.8	6.341 875	5 229	13 22.2
	6	10 18 22.88	48.24	11 31 31.4	4 32.8	6.347 104	5 035	13 19.0
	7	10 19 11.12	48.33	11 26 58.6	4 33.8	6.352 139	4 840	13 15.9
	8	10 19 59.45	48.41	11 22 24.8	4 34.8	6.356 979	4 644	13 12.8
	9	10 20 47.86	48.48	11 17 50.0	4 35.7	6.361 623	4 446	13 9.6
	10	10 21 36.34	48.56	+11 13 14.3	4 36.7	6.366 069	4 248	13 6.5
	11	10 22 24.90	48.64	11 8 37.6	4 37.5	6.370 317	4 047	13 3.4
	12	10 23 13.54	48.70	11 4 0.1	4 38.3	6.374 364	3 847	13 0.2
	13	10 24 2.24	48.77	10 59 21.8	4 39.2	6.378 211	3 646	12 57.1
	14	10 24 51.01	48.82	10 54 42.6	4 40.0	6.381 857	3 443	12 54.0
	15	10 25 39.83	48.87	10 50 2.6	4 40.8	6.385 300	3 239	12 50.9
	16	10 26 28.70	48.93	+10 45 21.8	4 41.6	6.388 539	3 035	12 47.8
	17	10 27 17.63	48.97	10 40 40.2	4 42.2	6.391 574	2 830	12 44.6
	18	10 28 6.60	49.00	10 35 58.0	4 43.0	6.394 404	2 624	12 41.5
	19	10 28 55.60	49.05	10 31 15.0	4 43.6	6.397 028	2 417	12 38.4
	20	10 29 44.65	49.07	10 26 31.4	4 44.2	6.399 445	2 212	12 35.3
	21	10 30 33.72	49.09	10 21 47.2	4 44.8	6.401 657	2 004	12 32.2
	22	10 31 22.81	49.11	+10 17 2.4	4 45.4	6.403 661	1 797	12 29.1
	23	10 32 11.92	49.13	10 12 17.0	4 45.9	6.405 458	1 590	12 25.9
	24	10 33 1.05	49.13	10 7 31.1	4 46.4	6.407 048	1 381	12 22.8
	25	10 33 50.18	49.14	10 2 44.7	4 46.9	6.408 429	1 174	12 19.7
	26	10 34 39.32	49.15	9 57 57.8	4 47.3	6.409 603	966	12 16.6
	27	10 35 28.47	49.13	9 53 10.5	4 47.7	6.410 569	758	12 13.5
	28	10 36 17.60	49.13	+9 48 22.8	4 48.1	6.411 327	550	12 10.4
	29	10 37 6.73	49.12	9 43 34.7	4 48.4	6.411 877	343	12 7.2
	30	10 37 55.85	49.10	9 38 46.3	4 48.8	6.412 220	134	12 4.1
	31	10 38 44.95	49.08	9 33 57.5	4 49.1	6.412 354	−71	12 1.0
Sept.	1	10 39 34.03	49.06	9 29 8.4	4 49.3	6.412 283	279	11 57.9
	2	10 40 23.09		+9 24 19.1		6.412 004		11 54.8

Jupiter 1944

Tag	0h Welt-Zeit: Scheinbare Rektaszension		0h Welt-Zeit: Scheinbare Deklination		0h Welt-Zeit: Δ		Obere Kulmination in Greenwich
1944	h m s	s	° ′ ″	′ ″			h m
Sept. 2	10 40 23.09	49.03	+9 24 19.1	4 49.5	6.412 004	486	11 54.8
3	10 41 12.12	49.00	9 19 29.6	4 49.7	6.411 518	693	11 51.6
4	10 42 1.12	48.96	9 14 39.9	4 50.0	6.410 825	900	11 48.5
5	10 42 50.08	48.93	9 9 49.9	4 50.1	6.409 925	1 106	11 45.4
6	10 43 39.01	48.89	9 4 59.8	4 50.2	6.408 819	1 316	11 42.3
7	10 44 27.90	48.85	9 0 9.6	4 50.3	6.407 503	1 523	11 39.2
8	10 45 16.75	48.80	+8 55 19.3	4 50.4	6.405 980	1 731	11 36.0
9	10 46 5.55	48.74	8 50 28.9	4 50.4	6.404 249	1 940	11 32.9
10	10 46 54.29	48.69	8 45 38.5	4 50.4	6.402 309	2 149	11 29.8
11	10 47 42.98	48.62	8 40 48.1	4 50.4	6.400 160	2 358	11 26.7
12	10 48 31.60	48.56	8 35 57.7	4 50.3	6.397 802	2 567	11 23.6
13	10 49 20.16	48.49	8 31 7.4	4 50.2	6.395 235	2 775	11 20.4
14	10 50 8.65	48.41	+8 26 17.2	4 50.1	6.392 460	2 985	11 17.3
15	10 50 57.06	48.33	8 21 27.1	4 49.9	6.389 475	3 194	11 14.2
16	10 51 45.39	48.25	8 16 37.2	4 49.7	6.386 281	3 402	11 11.0
17	10 52 33.64	48.15	8 11 47.5	4 49.4	6.382 879	3 610	11 7.9
18	10 53 21.79	48.06	8 6 58.1	4 49.2	6.379 269	3 819	11 4.8
19	10 54 9.85	47.95	8 2 8.9	4 48.8	6.375 450	4 024	11 1.6
20	10 54 57.80	47.85	+7 57 20.1	4 48.5	6.371 426	4 232	10 58.5
21	10 55 45.65	47.74	7 52 31.6	4 48.1	6.367 194	4 438	10 55.4
22	10 56 33.39	47.63	7 47 43.5	4 47.7	6.362 756	4 642	10 52.2
23	10 57 21.02	47.50	7 42 55.8	4 47.1	6.358 114	4 847	10 49.1
24	10 58 8.52	47.38	7 38 8.7	4 46.7	6.353 267	5 050	10 45.9
25	10 58 55.90	47.25	7 33 22.0	4 46.1	6.348 217	5 252	10 42.8
26	10 59 43.15	47.11	+7 28 35.9	4 45.5	6.342 965	5 454	10 39.6
27	11 0 30.26	46.98	7 23 50.4	4 45.0	6.337 511	5 653	10 36.5
28	11 1 17.24	46.84	7 19 5.4	4 44.3	6.331 858	5 854	10 33.3
29	11 2 4.08	46.69	7 14 21.1	4 43.5	6.326 004	6 051	10 30.2
30	11 2 50.77	46.53	7 9 37.6	4 42.9	6.319 953	6 249	10 27.0
Okt. 1	11 3 37.30	46.39	7 4 54.7	4 42.1	6.313 704	6 444	10 23.9
2	11 4 23.69	46.22	+7 0 12.6	4 41.3	6.307 260	6 642	10 20.7
3	11 5 9.91	46.07	6 55 31.3	4 40.5	6.300 618	6 835	10 17.5
4	11 5 55.98	45.90	6 50 50.8	4 39.7	6.293 783	7 030	10 14.4
5	11 6 41.88	45.73	6 46 11.1	4 38.8	6.286 753	7 225	10 11.2
6	11 7 27.61	45.55	6 41 32.3	4 37.9	6.279 528	7 417	10 8.0
7	11 8 13.16	45.38	6 36 54.4	4 36.9	6.272 111	7 611	10 4.8
8	11 8 58.54	45.19	+6 32 17.5	4 35.9	6.264 500	7 802	10 1.7
9	11 9 43.73	45.00	6 27 41.6	4 34.9	6.256 698	7 993	9 58.5
10	11 10 28.73	44.81	6 23 6.7	4 33.7	6.248 705	8 183	9 55.3
11	11 11 13.54	44.60	6 18 33.0	4 32.7	6.240 522	8 373	9 52.1
12	11 11 58.14	44.40	6 14 0.3	4 31.5	6.232 149	8 561	9 48.9
13	11 12 42.54		+6 9 28.8		6.223 588		9 45.7

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944		h m s	s	° ′ ″	′ ″			h m
Okt.	13	11 12 42.54	44.18	+6 9 28.8	4 30.3	6.223 588	8 748	9 45.7
	14	11 13 26.72	43.97	6 4 58.5	4 29.0	6.214 840	8 934	9 42.5
	15	11 14 10.69	43.74	6 0 29.5	4 27.8	6.205 906	9 117	9 39.3
	16	11 14 54.43	43.51	5 56 1.7	4 26.4	6.196 789	9 301	9 36.1
	17	11 15 37.94	43.28	5 51 35.3	4 25.0	6.187 488	9 482	9 32.9
	18	11 16 21.22	43.04	5 47 10.3	4 23.6	6.178 006	9 661	9 29.7
	19	11 17 4.26	42.79	+5 42 46.7	4 22.1	6.168 345	9 839	9 26.4
	20	11 17 47.05	42.53	5 38 24.6	4 20.6	6.158 506	10 016	9 23.2
	21	11 18 29.58	42.28	5 34 4.0	4 19.1	6.148 490	10 189	9 20.0
	22	11 19 11.86	42.01	5 29 44.9	4 17.4	6.138 301	10 362	9 16.8
	23	11 19 53.87	41.75	5 25 27.5	4 15.8	6.127 939	10 532	9 13.5
	24	11 20 35.62	41.47	5 21 11.7	4 14.1	6.117 407	10 700	9 10.3
	25	11 21 17.09	41.19	+5 16 57.6	4 12.3	6.106 707	10 866	9 7.0
	26	11 21 58.28	40.91	5 12 45.3	4 10.6	6.095 841	11 029	9 3.8
	27	11 22 39.19	40.61	5 8 34.7	4 8.8	6.084 812	11 192	9 0.5
	28	11 23 19.80	40.32	5 4 25.9	4 6.9	6.073 620	11 351	8 57.3
	29	11 24 0.12	40.03	5 0 19.0	4 5.1	6.062 269	11 509	8 54.0
	30	11 24 40.15	39.71	4 56 13.9	4 3.1	6.050 760	11 664	8 50.7
	31	11 25 19.86	39.41	+4 52 10.8	4 1.1	6.039 096	11 820	8 47.5
Nov.	1	11 25 59.27	39.10	4 48 9.7	3 59.2	6.027 276	11 972	8 44.2
	2	11 26 38.37	38.77	4 44 10.5	3 57.1	6.015 304	12 122	8 40.9
	3	11 27 17.14	38.45	4 40 13.4	3 54.9	6.003 182	12 272	8 37.6
	4	11 27 55.59	38.12	4 36 18.5	3 52.9	5.990 910	12 419	8 34.3
	5	11 28 33.71	37.78	4 32 25.6	3 50.7	5.978 491	12 564	8 31.0
	6	11 29 11.49	37.43	+4 28 34.9	3 48.5	5.965 927	12 707	8 27.7
	7	11 29 48.92	37.09	4 24 46.4	3 46.2	5.953 220	12 850	8 24.4
	8	11 30 26.01	36.72	4 21 0.2	3 43.8	5.940 370	12 988	8 21.1
	9	11 31 2.73	36.37	4 17 16.4	3 41.6	5.927 382	13 126	8 17.7
	10	11 31 39.10	35.99	4 13 34.8	3 39.1	5.914 256	13 259	8 14.4
	11	11 32 15.09	35.61	4 9 55.7	3 36.6	5.900 997	13 391	8 11.1
	12	11 32 50.70	35.23	+4 6 19.1	3 34.1	5.887 606	13 520	8 7.7
	13	11 33 25.93	34.83	4 2 45.0	3 31.5	5.874 086	13 647	8 4.4
	14	11 34 0.76	34.44	3 59 13.5	3 28.9	5.860 439	13 770	8 1.0
	15	11 34 35.20	34.03	3 55 44.6	3 26.3	5.846 669	13 892	7 57.6
	16	11 35 9.23	33.62	3 52 18.3	3 23.6	5.832 777	14 009	7 54.3
	17	11 35 42.85	33.20	3 48 54.7	3 20.7	5.818 768	14 123	7 50.9
	18	11 36 16.05	32.77	+3 45 34.0	3 18.0	5.804 645	14 235	7 47.5
	19	11 36 48.82	32.34	3 42 16.0	3 15.1	5.790 410	14 343	7 44.1
	20	11 37 21.16	31.90	3 39 0.9	3 12.2	5.776 067	14 448	7 40.7
	21	11 37 53.06	31.46	3 35 48.7	3 9.3	5.761 619	14 549	7 37.3
	22	11 38 24.52	31.00	3 32 39.4	3 6.3	5.747 070	14 649	7 33.9
	23	11 38 55.52		+3 29 33.1		5.732 421		7 30.5

Tag		0ʰ Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944		h m s	s	° ′ ″	′ ″			h m
Nov.	23	11 38 55.52	30.55	+3 29 33.1	3 3.2	5.732 421	14 741	7 30.5
	24	11 39 26.07	30.09	3 26 29.9	3 0.2	5.717 680	14 834	7 27.1
	25	11 39 56.16	29.62	3 23 29.7	2 57.0	5.702 846	14 922	7 23.6
	26	11 40 25.78	29.14	3 20 32.7	2 53.9	5.687 924	15 007	7 20.2
	27	11 40 54.92	28.66	3 17 38.8	2 50.7	5.672 917	15 089	7 16.7
	28	11 41 23.58	28.18	3 14 48.1	2 47.5	5.657 828	15 167	7 13.3
	29	11 41 51.76	27.69	+3 12 0.6	2 44.2	5.642 661	15 244	7 9.8
	30	11 42 19.45	27.19	3 9 16.4	2 40.8	5.627 417	15 316	7 6.3
Dez.	1	11 42 46.64	26.69	3 6 35.6	2 37.6	5.612 101	15 385	7 2.9
	2	11 43 13.33	26.17	3 3 58.0	2 34.1	5.596 716	15 452	6 59.4
	3	11 43 39.50	25.66	3 1 23.9	2 30.6	5.581 264	15 515	6 55.9
	4	11 44 5.16	25.13	2 58 53.3	2 27.2	5.565 749	15 575	6 52.4
	5	11 44 30.29	24.60	+2 56 26.1	2 23.7	5.550 174	15 631	6 48.8
	6	11 44 54.89	24.06	2 54 2.4	2 20.0	5.534 543	15 685	6 45.3
	7	11 45 18.95	23.52	2 51 42.4	2 16.4	5.518 858	15 733	6 41.8
	8	11 45 42.47	22.96	2 49 26.0	2 12.7	5.503 125	15 779	6 38.2
	9	11 46 5.43	22.41	2 47 13.3	2 9.0	5.487 346	15 820	6 34.7
	10	11 46 27.84	21.84	2 45 4.3	2 5.3	5.471 526	15 859	6 31.1
	11	11 46 49.68	21.26	+2 42 59.0	2 1.4	5.455 667	15 892	6 27.5
	12	11 47 10.94	20.68	2 40 57.6	1 57.5	5.439 775	15 921	6 24.0
	13	11 47 31.62	20.09	2 39 0.1	1 53.7	5.423 854	15 945	6 20.4
	14	11 47 51.71	19.50	2 37 6.4	1 49.7	5.407 909	15 967	6 16.8
	15	11 48 11.21	18.90	2 35 16.7	1 45.7	5.391 942	15 982	6 13.2
	16	11 48 30.11	18.29	2 33 31.0	1 41.7	5.375 960	15 994	6 9.5
	17	11 48 48.40	17.68	+2 31 49.3	1 37.6	5.359 966	16 001	6 5.9
	18	11 49 6.08	17.06	2 30 11.7	1 33.6	5.343 965	16 003	6 2.3
	19	11 49 23.14	16.44	2 28 38.1	1 29.4	5.327 962	16 000	5 58.6
	20	11 49 39.58	15.81	2 27 8.7	1 25.2	5.311 962	15 995	5 55.0
	21	11 49 55.39	15.17	2 25 43.5	1 21.0	5.295 967	15 983	5 51.3
	22	11 50 10.56	14.54	2 24 22.5	1 16.8	5.279 984	15 966	5 47.6
	23	11 50 25.10	13.90	+2 23 5.7	1 12.6	5.264 018	15 945	5 43.9
	24	11 50 39.00	13.25	2 21 53.1	1 8.3	5.248 073	15 922	5 40.2
	25	11 50 52.25	12.60	2 20 44.8	1 4.0	5.232 151	15 892	5 36.5
	26	11 51 4.85	11.95	2 19 40.8	0 59.7	5.216 259	15 858	5 32.8
	27	11 51 16.80	11.28	2 18 41.1	0 55.4	5.200 401	15 820	5 29.0
	28	11 51 28.08	10.63	2 17 45.7	0 50.9	5.184 581	15 779	5 25.3
	29	11 51 38.71	9.96	+2 16 54.8	0 46.6	5.168 802	15 733	5 21.5
	30	11 51 48.67	9.29	2 16 8.2	0 42.2	5.153 069	15 681	5 17.7
	31	11 51 57.96	8.61	2 15 26.0	0 37.8	5.137 388	15 627	5 14.0
	32	11 52 6.57		+2 14 48.2		5.121 761		5 10.2

Tag		0ʰ Welt-Zeit: Scheinbare Rektaszension		0ʰ Welt-Zeit: Scheinbare Deklination		0ʰ Welt-Zeit: Δ		Obere Kulmination in Greenwich
1944		h m s	"	° ′ ″	″			h m
Jan.	0	5 25 13.76	19.85	+21 50 2.9	8.1	8.08 832	491	22 47.0
	1	5 24 53.91	19.66	21 49 54.8	7.8	8.09 323	522	22 42.7
	2	5 24 34.25	19.45	21 49 47.0	7.7	8.09 845	551	22 38.5
	3	5 24 14.80	19.23	21 49 39.3	7.4	8.10 396	581	22 34.2
	4	5 23 55.57	19.00	21 49 31.9	7.3	8.10 977	611	22 30.0
	5	5 23 36.57	18.76	21 49 24.6	7.0	8.11 588	640	22 25.7
	6	5 23 17.81	18.52	+21 49 17.6	6.7	8.12 228	669	22 21.5
	7	5 22 59.29	18.25	21 49 10.9	6.5	8.12 897	697	22 17.2
	8	5 22 41.04	17.99	21 49 4.4	6.2	8.13 594	726	22 13.0
	9	5 22 23.05	17.71	21 48 58.2	5.9	8.14 320	754	22 8.8
	10	5 22 5.34	17.43	21 48 52.3	5.7	8.15 074	782	22 4.6
	11	5 21 47.91	17.13	21 48 46.6	5.3	8.15 856	809	22 0.4
	12	5 21 30.78	16.82	+21 48 41.3	5.1	8.16 665	837	21 56.2
	13	5 21 13.96	16.52	21 48 36.2	4.7	8.17 502	863	21 52.0
	14	5 20 57.44	16.19	21 48 31.5	4.4	8.18 365	890	21 47.8
	15	5 20 41.25	15.86	21 48 27.1	4.1	8.19 255	916	21 43.6
	16	5 20 25.39	15.52	21 48 23.0	3.7	8.20 171	942	21 39.4
	17	5 20 9.87	15.17	21 48 19.3	3.3	8.21 113	968	21 35.2
	18	5 19 54.70	14.82	+21 48 16.0	3.0	8.22 081	993	21 31.0
	19	5 19 39.88	14.45	21 48 13.0	2.5	8.23 074	1 018	21 26.8
	20	5 19 25.43	14.08	21 48 10.5	2.2	8.24 092	1 043	21 22.7
	21	5 19 11.35	13.71	21 48 8.3	1.8	8.25 135	1 066	21 18.5
	22	5 18 57.64	13.32	21 48 6.5	1.4	8.26 201	1 090	21 14.4
	23	5 18 44.32	12.92	21 48 5.1	0.9	8.27 291	1 114	21 10.2
	24	5 18 31.40	12.52	+21 48 4.2	0.6	8.28 405	1 137	21 6.1
	25	5 18 18.88	12.11	21 48 3.6	0.0	8.29 542	1 159	21 1.9
	26	5 18 6.77	11.69	21 48 3.6	0.4	8.30 701	1 181	20 57.8
	27	5 17 55.08	11.27	21 48 4.0	0.8	8.31 882	1 203	20 53.7
	28	5 17 43.81	10.85	21 48 4.8	1.4	8.33 085	1 224	20 49.6
	29	5 17 32.96	10.41	21 48 6.2	1.8	8.34 309	1 244	20 45.5
	30	5 17 22.55	9.98	+21 48 8.0	2.2	8.35 553	1 264	20 41.4
	31	5 17 12.57	9.53	21 48 10.2	2.8	8.36 817	1 284	20 37.3
Febr.	1	5 17 3.04	9.08	21 48 13.0	3.3	8.38 101	1 303	20 33.2
	2	5 16 53.96	8.64	21 48 16.3	3.8	8.39 404	1 321	20 29.1
	3	5 16 45.32	8.18	21 48 20.1	4.3	8.40 725	1 339	20 25.0
	4	5 16 37.14	7.72	21 48 24.4	4.8	8.42 064	1 357	20 21.0
	5	5 16 29.42	7.27	+21 48 29.2	5.3	8.43 421	1 374	20 16.9
	6	5 16 22.15	6.80	21 48 34.5	5.8	8.44 795	1 391	20 12.9
	7	5 16 15.35	6.34	21 48 40.3	6.4	8.46 186	1 407	20 8.8
	8	5 16 9.01	5.87	21 48 46.7	6.9	8.47 593	1 422	20 4.8
	9	5 16 3.14	5.40	21 48 53.6	7.4	8.49 015	1 438	20 0.8
	10	5 15 57.74		+21 49 1.0		8.50 453		19 56.8

Tag		0h Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944		h m s	s	° ′ ″	″			h m
Febr.	10	5 15 57.74	4.92	+21 49 1.0	7.9	8.50 453	1 452	19 56.8
	11	5 15 52.82	4.45	21 49 8.9	8.5	8.51 905	1 467	19 52.8
	12	5 15 48.37	3.98	21 49 17.4	9.0	8.53 372	1 480	19 48.8
	13	5 15 44.39	3.50	21 49 26.4	9.5	8.54 852	1 494	19 44.8
	14	5 15 40.89	3.01	21 49 35.9	10.0	8.56 346	1 507	19 40.8
	15	5 15 37.88	2.54	21 49 45.9	10.6	8.57 853	1 519	19 36.8
	16	5 15 35.34	2.05	+21 49 56.5	11.1	8.59 372	1 530	19 32.9
	17	5 15 33.29	1.57	21 50 7.6	11.6	8.60 902	1 542	19 28.9
	18	5 15 31.72	1.08	21 50 19.2	12.1	8.62 444	1 553	19 24.9
	19	5 15 30.64	0.60	21 50 31.3	12.7	8.63 997	1 564	19 21.0
	20	5 15 30.04	0.11	21 50 44.0	13.2	8.65 561	1 573	19 17.1
	21	5 15 29.93	$\overline{0.38}$	21 50 57.2	13.7	8.67 134	1 583	19 13.1
	22	5 15 30.31	0.87	+21 51 10.9	14.2	8.68 717	1 591	19 9.2
	23	5 15 31.18	1.36	21 51 25.1	14.8	8.70 308	1 600	19 5.3
	24	5 15 32.54	1.85	21 51 39.9	15.2	8.71 908	1 608	19 1.4
	25	5 15 34.39	2.34	21 51 55.1	15.8	8.73 516	1 614	18 57.5
	26	5 15 36.73	2.83	21 52 10.9	16.3	8.75 130	1 622	18 53.6
	27	5 15 39.56	3.31	21 52 27.2	16.7	8.76 752	1 627	18 49.7
	28	5 15 42.87	3.80	+21 52 43.9	17.3	8.78 379	1 633	18 45.9
	29	5 15 46.67	4.28	21 53 1.2	17.8	8.80 012	1 638	18 42.0
März	1	5 15 50.95	4.77	21 53 19.0	18.3	8.81 650	1 643	18 38.2
	2	5 15 55.72	5.24	21 53 37.3	18.7	8.83 293	1 646	18 34.3
	3	5 16 0.96	5.72	21 53 56.0	19.2	8.84 939	1 651	18 30.5
	4	5 16 6.68	6.19	21 54 15.2	19.6	8.86 590	1 653	18 26.6
	5	5 16 12.87	6.67	+21 54 34.8	20.1	8.88 243	1 655	18 22.8
	6	5 16 19.54	7.14	21 54 54.9	20.5	8.89 898	1 658	18 19.0
	7	5 16 26.68	7.61	21 55 15.4	21.0	8.91 556	1 660	18 15.2
	8	5 16 34.29	8.07	21 55 36.4	21.4	8.93 216	1 661	18 11.4
	9	5 16 42.36	8.53	21 55 57.8	21.7	8.94 877	1 661	18 7.6
	10	5 16 50.89	8.99	21 56 19.5	22.2	8.96 538	1 662	18 3.8
	11	5 16 59.88	9.45	+21 56 41.7	22.6	8.98 200	1 662	18 0.0
	12	5 17 9.33	9.91	21 57 4.3	23.0	8.99 862	1 661	17 56.3
	13	5 17 19.24	10.35	21 57 27.3	23.3	9.01 523	1 660	17 52.5
	14	5 17 29.59	10.81	21 57 50.6	23.7	9.03 183	1 659	17 48.8
	15	5 17 40.40	11.25	21 58 14.3	24.0	9.04 842	1 657	17 45.0
	16	5 17 51.65	11.69	21 58 38.3	24.4	9.06 499	1 654	17 41.3
	17	5 18 3.34	12.14	+21 59 2.7	24.7	9.08 153	1 652	17 37.5
	18	5 18 15.48	12.57	21 59 27.4	25.0	9.09 805	1 649	17 33.8
	19	5 18 28.05	13.01	21 59 52.4	25.3	9.11 454	1 645	17 30.1
	20	5 18 41.06	13.44	22 0 17.7	25.6	9.13 099	1 641	17 26.4
	21	5 18 54.50	13.87	22 0 43.3	25.9	9.14 740	1 637	17 22.7
	22	5 19 8.37		+22 1 9.2		9.16 377		17 19.0

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944		h m s	s	° ′ ″	″			h m
März	22	5 19 8.37	14.29	+22 1 9.2	26.2	9.16 377	1 632	17 19.0
	23	5 19 22.66	14.72	22 1 35.4	26.5	9.18 009	1 626	17 15.3
	24	5 19 37.38	15.14	22 2 1.9	26.7	9.19 635	1 620	17 11.6
	25	5 19 52.52	15.55	22 2 28.6	26.9	9.21 255	1 614	17 7.9
	26	5 20 8.07	15.97	22 2 55.5	27.2	9.22 869	1 607	17 4.3
	27	5 20 24.04	16.37	22 3 22.7	27.4	9.24 476	1 600	17 0.6
	28	5 20 40.41	16.77	+22 3 50.1	27.6	9.26 076	1 592	16 56.9
	29	5 20 57.18	17.16	22 4 17.7	27.7	9.27 668	1 584	16 53.3
	30	5 21 14.34	17.56	22 4 45.4	28.0	9.29 252	1 576	16 49.7
	31	5 21 31.90	17.94	22 5 13.4	28.1	9.30 828	1 567	16 46.0
April	1	5 21 49.84	18.33	22 5 41.5	28.2	9.32 395	1 557	16 42.4
	2	5 22 8.17	18.70	22 6 9.7	28.4	9.33 952	1 548	16 38.8
	3	5 22 26.87	19.08	+22 6 38.1	28.5	9.35 500	1 538	16 35.1
	4	5 22 45.95	19.44	22 7 6.6	28.6	9.37 038	1 528	16 31.5
	5	5 23 5.39	19.81	22 7 35.2	28.7	9.38 566	1 517	16 27.9
	6	5 23 25.20	20.17	22 8 3.9	28.8	9.40 083	1 507	16 24.3
	7	5 23 45.37	20.52	22 8 32.7	28.8	9.41 590	1 495	16 20.7
	8	5 24 5.89	20.87	22 9 1.5	28.8	9.43 085	1 483	16 17.2
	9	5 24 26.76	21.22	+22 9 30.3	29.0	9.44 568	1 472	16 13.6
	10	5 24 47.98	21.56	22 9 59.3	28.9	9.46 040	1 460	16 10.0
	11	5 25 9.54	21.89	22 10 28.2	28.9	9.47 500	1 447	16 6.4
	12	5 25 31.43	22.23	22 10 57.1	29.0	9.48 947	1 434	16 2.9
	13	5 25 53.66	22.56	22 11 26.1	28.9	9.50 381	1 421	15 59.3
	14	5 26 16.22	22.88	22 11 55.0	28.9	9.51 802	1 408	15 55.7
	15	5 26 39.10	23.20	+22 12 23.9	28.8	9.53 210	1 394	15 52.2
	16	5 27 2.30	23.52	22 12 52.7	28.8	9.54 604	1 380	15 48.6
	17	5 27 25.82	23.83	22 13 21.5	28.8	9.55 984	1 365	15 45.1
	18	5 27 49.65	24.14	22 13 50.3	28.6	9.57 349	1 351	15 41.6
	19	5 28 13.79	24.45	22 14 18.9	28.6	9.58 700	1 336	15 38.0
	20	5 28 38.24	24.74	22 14 47.5	28.4	9.60 036	1 320	15 34.5
	21	5 29 2.98	25.04	+22 15 15.9	28.4	9.61 356	1 305	15 31.0
	22	5 29 28.02	25.32	22 15 44.3	28.2	9.62 661	1 289	15 27.5
	23	5 29 53.34	25.61	22 16 12.5	28.1	9.63 950	1 273	15 24.0
	24	5 30 18.95	25.89	22 16 40.6	28.0	9.65 223	1 256	15 20.5
	25	5 30 44.84	26.16	22 17 8.6	27.8	9.66 479	1 239	15 17.0
	26	5 31 11.00	26.43	22 17 36.4	27.6	9.67 718	1 222	15 13.5
	27	5 31 37.43	26.70	+22 18 4.0	27.4	9.68 940	1 204	15 10.0
	28	5 32 4.13	26.95	22 18 31.4	27.2	9.70 144	1 187	15 6.5
	29	5 32 31.08	27.20	22 18 58.6	27.0	9.71 331	1 169	15 3.0
	30	5 32 58.28	27.45	22 19 25.6	26.8	9.72 500	1 151	14 59.5
Mai	1	5 33 25.73	27.69	22 19 52.4	26.6	9.73 651	1 133	14 56.1
	2	5 33 53.42		+22 20 19.0		9.74 784		14 52.6

Tag		0ʰ Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944		h m s	s	° ′ ″	″			h m
Mai	2	5 33 53.42	27.92	+22 20 19.0	26.3	9.74 784	1 114	14 52.6
	3	5 34 21.34	28.16	22 20 45.3	26.0	9.75 898	1 096	14 49.1
	4	5 34 49.50	28.39	22 21 11.3	25.8	9.76 994	1 077	14 45.7
	5	5 35 17.89	28.61	22 21 37.1	25.5	9.78 071	1 058	14 42.2
	6	5 35 46.50	28.82	22 22 2.6	25.2	9.79 129	1 039	14 38.8
	7	5 36 15.32	29.04	22 22 27.8	24.8	9.80 168	1 019	14 35.3
	8	5 36 44.36	29.24	+22 22 52.6	24.6	9.81 187	999	14 31.9
	9	5 37 13.60	29.46	22 23 17.2	24.3	9.82 186	980	14 28.4
	10	5 37 43.06	29.65	22 23 41.5	23.9	9.83 166	961	14 25.0
	11	5 38 12.71	29.84	22 24 5.4	23.6	9.84 127	940	14 21.6
	12	5 38 42.55	30.04	22 24 29.0	23.2	9.85 067	920	14 18.1
	13	5 39 12.59	30.22	22 24 52.2	22.9	9.85 987	899	14 14.7
	14	5 39 42.81	30.41	+22 25 15.1	22.6	9.86 886	879	14 11.2
	15	5 40 13.22	30.58	22 25 37.7	22.1	9.87 765	858	14 7.8
	16	5 40 43.80	30.76	22 25 59.8	21.8	9.88 623	837	14 4.4
	17	5 41 14.56	30.93	22 26 21.6	21.4	9.89 460	816	14 1.0
	18	5 41 45.49	31.10	22 26 43.0	21.0	9.90 276	794	13 57.6
	19	5 42 16.59	31.25	22 27 4.0	20.5	9.91 070	773	13 54.1
	20	5 42 47.84	31.41	+22 27 24.5	20.2	9.91 843	751	13 50.7
	21	5 43 19.25	31.55	22 27 44.7	19.8	9.92 594	730	13 47.3
	22	5 43 50.80	31.71	22 28 4.5	19.3	9.93 324	707	13 43.9
	23	5 44 22.51	31.84	22 28 23.8	18.9	9.94 031	685	13 40.5
	24	5 44 54.35	31.97	22 28 42.7	18.5	9.94 716	662	13 37.1
	25	5 45 26.32	32.10	22 29 1.2	18.0	9.95 378	640	13 33.7
	26	5 45 58.42	32.23	+22 29 19.2	17.6	9.96 018	618	13 30.3
	27	5 46 30.65	32.34	22 29 36.8	17.1	9.96 636	595	13 26.9
	28	5 47 2.99	32.46	22 29 53.9	16.6	9.97 231	572	13 23.5
	29	5 47 35.45	32.57	22 30 10.5	16.2	9.97 803	550	13 20.1
	30	5 48 8.02	32.67	22 30 26.7	15.7	9.98 353	526	13 16.7
	31	5 48 40.69	32.77	22 30 42.4	15.2	9.98 879	504	13 13.3
Juni	1	5 49 13.46	32.86	+22 30 57.6	14.7	9.99 383	481	13 10.0
	2	5 49 46.32	32.95	22 31 12.3	14.2	9.99 864	458	13 6.6
	3	5 50 19.27	33.04	22 31 26.5	13.7	10.00 322	435	13 3.2
	4	5 50 52.31	33.12	22 31 40.2	13.2	10.00 757	411	12 59.8
	5	5 51 25.43	33.19	22 31 53.4	12.7	10.01 168	388	12 56.4
	6	5 51 58.62	33.27	22 32 6.1	12.2	10.01 556	366	12 53.0
	7	5 52 31.89	33.33	+22 32 18.3	11.7	10.01 922	342	12 49.7
	8	5 53 5.22	33.40	22 32 30.0	11.2	10.02 264	318	12 46.3
	9	5 53 38.62	33.46	22 32 41.2	10.7	10.02 582	295	12 42.9
	10	5 54 12.08	33.51	22 32 51.9	10.1	10.02 877	272	12 39.5
	11	5 54 45.59	33.57	22 33 2.0	9.6	10.03 149	248	12 36.1
	12	5 55 19.16		+22 33 11.6		10.03 397		12 32.8

Tag		0ʰ Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944		h m s	s	° ′ ″	″			h m
Juni	12	5 55 19.16	33.61	+22 33 11.6	9.1	10.03 397	225	12 32.8
	13	5 55 52.77	33.66	22 33 20.7	8.6	10.03 622	201	12 29.4
	14	5 56 26.43	33.69	22 33 29.3	8.0	10.03 823	178	12 26.0
	15	5 57 0.12	33.73	22 33 37.3	7.6	10.04 001	153	12 22.7
	16	5 57 33.85	33.76	22 33 44.9	7.0	10.04 154	130	12 19.3
	17	5 58 7.61	33.78	22 33 51.9	6.4	10.04 284	106	12 15.9
	18	5 58 41.39	33.81	+22 33 58.3	6.0	10.04 390	82	12 12.5
	19	5 59 15.20	33.81	22 34 4.3	5.4	10.04 472	57	12 9.2
	20	5 59 49.01	33.82	22 34 9.7	4.9	10.04 529	34	12 5.8
	21	6 0 22.83	33.83	22 34 14.6	4.3	10.04 563	10	12 2.4
	22	6 0 56.66	33.83	22 34 18.9	3.8	10.04 573	14	11 59.1
	23	6 1 30.49	33.82	22 34 22.7	3.3	10.04 559	38	11 55.7
	24	6 2 4.31	33.81	+22 34 26.0	2.8	10.04 521	62	11 52.3
	25	6 2 38.12	33.79	22 34 28.8	2.2	10.04 459	86	11 49.0
	26	6 3 11.91	33.78	22 34 31.0	1.7	10.04 373	109	11 45.6
	27	6 3 45.69	33.74	22 34 32.7	1.2	10.04 264	134	11 42.2
	28	6 4 19.43	33.72	22 34 33.9	0.6	10.04 130	157	11 38.8
	29	6 4 53.15	33.68	22 34 34.5	0.1	10.03 973	181	11 35.5
	30	6 5 26.83	33.64	+22 34 34.6	0.4	10.03 792	204	11 32.1
Juli	1	6 6 0.47	33.60	22 34 34.2	0.9	10.03 588	228	11 28.7
	2	6 6 34.07	33.56	22 34 33.3	1.4	10.03 360	252	11 25.3
	3	6 7 7.63	33.50	22 34 31.9	1.9	10.03 108	275	11 22.0
	4	6 7 41.13	33.44	22 34 30.0	2.5	10.02 833	298	11 18.6
	5	6 8 14.57	33.38	22 34 27.5	3.0	10.02 535	321	11 15.2
	6	6 8 47.95	33.32	+22 34 24.5	3.4	10.02 214	345	11 11.8
	7	6 9 21.27	33.25	22 34 21.1	4.0	10.01 869	367	11 8.4
	8	6 9 54.52	33.18	22 34 17.1	4.4	10.01 502	391	11 5.1
	9	6 10 27.70	33.10	22 34 12.7	4.9	10.01 111	414	11 1.7
	10	6 11 0.80	33.02	22 34 7.8	5.4	10.00 697	437	10 58.3
	11	6 11 33.82	32.94	22 34 2.4	5.9	10.00 260	460	10 54.9
	12	6 12 6.76	32.84	+22 33 56.5	6.4	9.99 800	483	10 51.5
	13	6 12 39.60	32.75	22 33 50.1	6.8	9.99 317	505	10 48.1
	14	6 13 12.35	32.66	22 33 43.3	7.3	9.98 812	529	10 44.8
	15	6 13 45.01	32.55	22 33 36.0	7.7	9.98 283	551	10 41.4
	16	6 14 17.56	32.44	22 33 28.3	8.2	9.97 732	574	10 38.0
	17	6 14 50.00	32.32	22 33 20.1	8.6	9.97 158	597	10 34.6
	18	6 15 22.32	32.21	+22 33 11.5	9.0	9.96 561	619	10 31.2
	19	6 15 54.53	32.08	22 33 2.5	9.5	9.95 942	641	10 27.8
	20	6 16 26.61	31.96	22 32 53.0	9.9	9.95 301	663	10 24.4
	21	6 16 58.57	31.81	22 32 43.1	10.3	9.94 638	686	10 21.0
	22	6 17 30.38	31.68	22 32 32.8	10.7	9.93 952	708	10 17.6
	23	6 18 2.06		+22 32 22.1		9.93 244		10 14.2

Tag		Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
		0ʰ Welt-Zeit						
1944		h m s	s	° ′ ″	″			h m
Juli	23	6 18 2.06	31.54	+22 32 22.1	11.2	9.93 244	729	10 14.2
	24	6 18 33.60	31.38	22 32 10.9	11.5	9.92 515	751	10 10.8
	25	6 19 4.98	31.23	22 31 59.4	11.9	9.91 764	772	10 7.3
	26	6 19 36.21	31.07	22 31 47.5	12.3	9.90 992	794	10 3.9
	27	6 20 7.28	30.91	22 31 35.2	12.6	9.90 198	814	10 0.5
	28	6 20 38.19	30.74	22 31 22.6	13.0	9.89 384	836	9 57.1
	29	6 21 8.93	30.57	+22 31 9.6	13.4	9.88 548	856	9 53.7
	30	6 21 39.50	30.40	22 30 56.2	13.7	9.87 692	877	9 50.2
	31	6 22 9.90	30.21	22 30 42.5	14.0	9.86 815	897	9 46.8
Aug.	1	6 22 40.11	30.02	22 30 28.5	14.3	9.85 918	918	9 43.4
	2	6 23 10.13	29.84	22 30 14.2	14.7	9.85 000	937	9 39.9
	3	6 23 39.97	29.64	22 29 59.5	14.9	9.84 063	957	9 36.5
	4	6 24 9.61	29.45	+22 29 44.6	15.3	9.83 106	977	9 33.1
	5	6 24 39.06	29.25	22 29 29.3	15.5	9.82 129	996	9 29.6
	6	6 25 8.31	29.04	22 29 13.8	15.8	9.81 133	1 016	9 26.2
	7	6 25 37.35	28.83	22 28 58.0	16.0	9.80 117	1 034	9 22.7
	8	6 26 6.18	28.61	22 28 42.0	16.3	9.79 083	1 054	9 19.3
	9	6 26 34.79	28.40	22 28 25.7	16.5	9.78 029	1 073	9 15.8
	10	6 27 3.19	28.18	+22 28 9.2	16.8	9.76 956	1 091	9 12.3
	11	6 27 31.37	27.94	22 27 52.4	16.9	9.75 865	1 109	9 8.9
	12	6 27 59.31	27.71	22 27 35.5	17.2	9.74 756	1 128	9 5.4
	13	6 28 27.02	27.47	22 27 18.3	17.3	9.73 628	1 146	9 1.9
	14	6 28 54.49	27.23	22 27 1.0	17.5	9.72 482	1 164	8 58.5
	15	6 29 21.72	26.98	22 26 43.5	17.7	9.71 318	1 181	8 55.0
	16	6 29 48.70	26.72	+22 26 25.8	17.9	9.70 137	1 199	8 51.5
	17	6 30 15.42	26.46	22 26 7.9	18.0	9.68 938	1 216	8 48.0
	18	6 30 41.88	26.20	22 25 49.9	18.1	9.67 722	1 233	8 44.5
	19	6 31 8.08	25.92	22 25 31.8	18.2	9.66 489	1 249	8 41.0
	20	6 31 34.00	25.65	22 25 13.6	18.4	9.65 240	1 265	8 37.5
	21	6 31 59.65	25.38	22 24 55.2	18.4	9.63 975	1 282	8 34.0
	22	6 32 25.03	25.09	+22 24 36.8	18.5	9.62 693	1 297	8 30.5
	23	6 32 50.12	24.80	22 24 18.3	18.6	9.61 396	1 313	8 27.0
	24	6 33 14.92	24.50	22 23 59.7	18.6	9.60 083	1 328	8 23.4
	25	6 33 39.42	24.21	22 23 41.1	18.7	9.58 755	1 342	8 19.9
	26	6 34 3.63	23.91	22 23 22.4	18.7	9.57 413	1 357	8 16.4
	27	6 34 27.54	23.60	22 23 3.7	18.8	9.56 056	1 371	8 12.8
	28	6 34 51.14	23.28	+22 22 44.9	18.7	9.54 685	1 385	8 9.3
	29	6 35 14.42	22.98	22 22 26.2	18.7	9.53 300	1 399	8 5.7
	30	6 35 37.40	22.65	22 22 7.5	18.7	9.51 901	1 411	8 2.2
	31	6 36 0.05	22.33	22 21 48.8	18.6	9.50 490	1 425	7 58.6
Sept.	1	6 36 22.38	22.00	22 21 30.2	18.7	9.49 065	1 437	7 55.1
	2	6 36 44.38		+22 21 11.5		9.47 628		7 51.5

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944	h m s	s	° ′ ″	″			h m
Sept. 2	6 36 44.38	21.68	+22 21 11.5	18.5	9.47 628	1 450	7 51.5
3	6 37 6.06	21.34	22 20 53.0	18.4	9.46 178	1 462	7 47.9
4	6 37 27.40	21.00	22 20 34.6	18.3	9.44 716	1 473	7 44.4
5	6 37 48.40	20.66	22 20 16.3	18.3	9.43 243	1 485	7 40.8
6	6 38 9.06	20.31	22 19 58.0	18.1	9.41 758	1 496	7 37.2
7	6 38 29.37	19.96	22 19 39.9	18.0	9.40 262	1 507	7 33.6
8	6 38 49.33	19.60	+22 19 21.9	17.8	9.38 755	1 518	7 30.0
9	6 39 8.93	19.24	22 19 4.1	17.7	9.37 237	1 528	7 26.4
10	6 39 28.17	18.88	22 18 46.4	17.5	9.35 709	1 537	7 22.8
11	6 39 47.05	18.50	22 18 28.9	17.4	9.34 172	1 547	7 19.1
12	6 40 5.55	18.13	22 18 11.5	17.1	9.32 625	1 557	7 15.5
13	6 40 23.68	17.74	22 17 54.4	16.9	9.31 068	1 565	7 11.9
14	6 40 41.42	17.36	+22 17 37.5	16.6	9.29 503	1 574	7 8.2
15	6 40 58.78	16.97	22 17 20.9	16.5	9.27 929	1 581	7 4.6
16	6 41 15.75	16.58	22 17 4.4	16.2	9.26 348	1 589	7 0.9
17	6 41 32.33	16.17	22 16 48.2	15.9	9.24 759	1 597	6 57.3
18	6 41 48.50	15.77	22 16 32.3	15.6	9.23 162	1 603	6 53.6
19	6 42 4.27	15.37	22 16 16.7	15.3	9.21 559	1 610	6 49.9
20	6 42 19.64	14.96	+22 16 1.4	15.1	9.19 949	1 615	6 46.3
21	6 42 34.60	14.54	22 15 46.3	14.7	9.18 334	1 621	6 42.6
22	6 42 49.14	14.13	22 15 31.6	14.4	9.16 713	1 626	6 38.9
23	6 43 3.27	13.70	22 15 17.2	14.0	9.15 087	1 630	6 35.2
24	6 43 16.97	13.28	22 15 3.2	13.7	9.13 457	1 635	6 31.5
25	6 43 30.25	12.85	22 14 49.5	13.3	9.11 822	1 638	6 27.8
26	6 43 43.10	12.43	+22 14 36.2	13.0	9.10 184	1 642	6 24.0
27	6 43 55.53	11.99	22 14 23.2	12.5	9.08 542	1 645	6 20.3
28	6 44 7.52	11.55	22 14 10.7	12.2	9.06 897	1 647	6 16.6
29	6 44 19.07	11.12	22 13 58.5	11.7	9.05 250	1 649	6 12.8
30	6 44 30.19	10.67	22 13 46.8	11.4	9.03 601	1 650	6 9.1
Okt. 1	6 44 40.86	10.23	22 13 35.4	10.9	9.01 951	1 652	6 5.3
2	6 44 51.09	9.79	+22 13 24.5	10.4	9.00 299	1 653	6 1.6
3	6 45 0.88	9.34	22 13 14.1	10.0	8.98 646	1 653	5 57.8
4	6 45 10.22	8.89	22 13 4.1	9.5	8.96 993	1 653	5 54.0
5	6 45 19.11	8.43	22 12 54.6	9.1	8.95 340	1 653	5 50.2
6	6 45 27.54	7.98	22 12 45.5	8.6	8.93 687	1 652	5 46.4
7	6 45 35.52	7.51	22 12 36.9	8.1	8.92 035	1 650	5 42.6
8	6 45 43.03	7.05	+22 12 28.8	7.6	8.90 385	1 649	5 38.8
9	6 45 50.08	6.58	22 12 21.2	7.1	8.88 736	1 646	5 35.0
10	6 45 56.66	6.11	22 12 14.1	6.6	8.87 090	1 644	5 31.2
11	6 46 2.77	5.64	22 12 7.5	6.1	8.85 446	1 641	5 27.4
12	6 46 8.41	5.17	22 12 1.4	5.5	8.83 805	1 637	5 23.5
13	6 46 13.58		+22 11 55.9		8.82 168		5 19.7

Tag	0ʰ Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944	h m s	s	° ′ ″	″			h m
Okt. 13	6 46 13.58	4.69	+22 11 55.9	5.0	8.82 168	1 632	5 19.7
14	6 46 18.27	4.21	22 11 50.9	4.5	8.80 536	1 628	5 15.8
15	6 46 22.48	3.73	22 11 46.4	3.9	8.78 908	1 623	5 11.9
16	6 46 26.21	3.25	22 11 42.5	3.4	8.77 285	1 617	5 8.1
17	6 46 29.46	2.77	22 11 39.1	2.8	8.75 668	1 610	5 4.2
18	6 46 32.23	2.29	22 11 36.3	2.3	8.74 058	1 604	5 0.3
19	6 46 34.52	1.80	+22 11 34.0	1.7	8.72 454	1 597	4 56.4
20	6 46 36.32	1.32	22 11 32.3	1.1	8.70 857	1 589	4 52.5
21	6 46 37.64	0.83	22 11 31.2	0.6	8.69 268	1 580	4 48.6
22	6 46 38.47	0.35	22 11 30.6	0.0	8.67 688	1 571	4 44.7
23	6 46 38.82	0.13	22 11 30.6	0.6	8.66 117	1 562	4 40.7
24	6 46 38.69	0.62	22 11 31.2	1.2	8.64 555	1 552	4 36.8
25	6 46 38.07	1.09	+22 11 32.4	1.7	8.63 003	1 542	4 32.9
26	6 46 36.98	1.58	22 11 34.1	2.3	8.61 461	1 531	4 28.9
27	6 46 35.40	2.06	22 11 36.4	2.9	8.59 930	1 520	4 25.0
28	6 46 33.34	2.53	22 11 39.3	3.5	8.58 410	1 508	4 21.0
29	6 46 30.81	3.01	22 11 42.8	4.1	8.56 902	1 496	4 17.0
30	6 46 27.80	3.49	22 11 46.9	4.6	8.55 406	1 483	4 13.0
31	6 46 24.31	3.97	+22 11 51.5	5.2	8.53 923	1 469	4 9.0
Nov. 1	6 46 20.34	4.43	22 11 56.7	5.8	8.52 454	1 457	4 5.0
2	6 46 15.91	4.91	22 12 2.5	6.4	8.50 997	1 442	4 1.0
3	6 46 11.00	5.38	22 12 8.9	6.9	8.49 555	1 427	3 57.0
4	6 46 5.62	5.84	22 12 15.8	7.5	8.48 128	1 413	3 53.0
5	6 45 59.78	6.32	22 12 23.3	8.1	8.46 715	1 397	3 49.0
6	6 45 53.46	6.78	+22 12 31.4	8.6	8.45 318	1 381	3 44.9
7	6 45 46.68	7.24	22 12 40.0	9.1	8.43 937	1 365	3 40.9
8	6 45 39.44	7.70	22 12 49.1	9.7	8.42 572	1 347	3 36.8
9	6 45 31.74	8.15	22 12 58.8	10.3	8.41 225	1 331	3 32.8
10	6 45 23.59	8.61	22 13 9.1	10.7	8.39 894	1 312	3 28.7
11	6 45 14.98	9.06	22 13 19.8	11.3	8.38 582	1 293	3 24.6
12	6 45 5.92	9.51	+22 13 31.1	11.9	8.37 289	1 275	3 20.5
13	6 44 56.41	9.95	22 13 43.0	12.3	8.36 014	1 255	3 16.4
14	6 44 46.46	10.38	22 13 55.3	12.8	8.34 759	1 235	3 12.3
15	6 44 36.08	10.82	22 14 8.1	13.3	8.33 524	1 215	3 8.2
16	6 44 25.26	11.24	22 14 21.4	13.8	8.32 309	1 194	3 4.1
17	6 44 14.02	11.66	22 14 35.2	14.3	8.31 115	1 172	3 0.0
18	6 44 2.36	12.08	+22 14 49.5	14.7	8.29 943	1 151	2 55.9
19	6 43 50.28	12.48	22 15 4.2	15.2	8.28 792	1 128	2 51.8
20	6 43 37.80	12.89	22 15 19.4	15.6	8.27 664	1 105	2 47.6
21	6 43 24.91	13.28	22 15 35.0	16.1	8.26 559	1 082	2 43.5
22	6 43 11.63	13.66	22 15 51.1	16.5	8.25 477	1 059	2 39.3
[illegible]	6 42 57.97		+22 16 7.6		8.24 418		2 35.2

Tag	0ʰ Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944	h m s	s	° ′ ″	″			h m
Nov. 23	6 42 57.97	14.05	+22 16 7.6	16.9	8.24 418	1 035	2 35.2
24	6 42 43.92	14.42	22 16 24.5	17.3	8.23 383	1 010	2 31.0
25	6 42 29.50	14.78	22 16 41.8	17.7	8.22 373	986	2 26.8
26	6 42 14.72	15.13	22 16 59.5	18.1	8.21 387	961	2 22.7
27	6 41 59.59	15.49	22 17 17.6	18.4	8.20 426	935	2 18.5
28	6 41 44.10	15.82	22 17 36.0	18.7	8.19 491	909	2 14.3
29	6 41 28.28	16.16	+22 17 54.7	19.1	8.18 582	884	2 10.1
30	6 41 12.12	16.49	22 18 13.8	19.4	8.17 698	857	2 5.9
Dez. 1	6 40 55.63	16.80	22 18 33.2	19.8	8.16 841	831	2 1.7
2	6 40 38.83	17.11	22 18 53.0	20.0	8.16 010	804	1 57.5
3	6 40 21.72	17.40	22 19 13.0	20.3	8.15 206	776	1 53.3
4	6 40 4.32	17.70	22 19 33.3	20.5	8.14 430	749	1 49.0
5	6 39 46.62	17.99	+22 19 53.8	20.8	8.13 681	721	1 44.8
6	6 39 28.63	18.25	22 20 14.6	21.0	8.12 960	692	1 40.6
7	6 39 10.38	18.52	22 20 35.6	21.3	8.12 268	664	1 36.3
8	6 38 51.86	18.77	22 20 56.9	21.4	8.11 604	635	1 32.1
9	6 38 33.09	19.02	22 21 18.3	21.7	8.10 969	605	1 27.8
10	6 38 14.07	19.25	22 21 40.0	21.8	8.10 364	576	1 23.6
11	6 37 54.82	19.47	+22 22 1.8	22.0	8.09 788	547	1 19.4
12	6 37 35.35	19.67	22 22 23.8	22.1	8.09 241	516	1 15.1
13	6 37 15.68	19.88	22 22 45.9	22.2	8.08 725	486	1 10.8
14	6 36 55.80	20.07	22 23 8.1	22.4	8.08 239	456	1 6.6
15	6 36 35.73	20.24	22 23 30.5	22.5	8.07 783	425	1 2.3
16	6 36 15.49	20.40	22 23 53.0	22.5	8.07 358	394	0 58.1
17	6 35 55.09	20.56	+22 24 15.5	22.7	8.06 964	363	0 53.8
18	6 35 34.53	20.69	22 24 38.2	22.7	8.06 601	332	0 49.5
19	6 35 13.84	20.82	22 25 0.9	22.8	8.06 269	300	0 45.2
20	6 34 53.02	20.93	22 25 23.7	22.7	8.05 969	269	0 41.0
21	6 34 32.09	21.03	22 25 46.4	22.8	8.05 700	237	0 36.7
22	6 34 11.06	21.12	22 26 9.2	22.9	8.05 463	206	0 32.4
23	6 33 49.94	21.19	+22 26 32.1	22.8	8.05 257	174	0 28.1
24	6 33 28.75	21.25	22 26 54.9	22.8	8.05 083	143	0 23.8
25	6 33 7.50	21.31	22 27 17.7	22.8	8.04 940	110	0 19.6
26	6 32 46.19	21.35	22 27 40.5	22.7	8.04 830	79	0 15.3
27	6 32 24.84	21.37	22 28 3.2	22.7	8.04 751	48	0 11.0
28	6 32 3.47	21.38	22 28 25.9	22.7	8.04 703	15	0 6.7
29	6 31 42.09	21.39	+22 28 48.6	22.6	8.04 688	16	{0 2.4 / 23 58.1}
30	6 31 20.70	21.38	22 29 11.2	22.5	8.04 704	48	23 53.8
31	6 30 59.32	21.36	22 29 33.7	22.4	8.04 752	80	23 49.5
32	6 30 37.96		+22 29 56.1		8.04 832		23 45.3

Tag		Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944		h m s	s	° ′ ″	′ ″			h m
Jan.	1	4 14 59.78	33.32	+21 9 30.7	1 20.3	18.51 432	3 788	21 41.1
	3	14 26.46	30.91	8 10.4	1 14.7	55 220	4 190	21 24.8
	7	13 55.55	28.30	6 55.7	1 8.5	59 410	4 570	21 8.6
	11	13 27.25	25.52	5 47.2	1 1.5	63 980	4 921	20 52.4
	15	13 1.73	22.57	4 45.7	0 54.2	68 901	5 251	20 36.2
	19	4 12 39.16	19.46	+21 3 51.5	0 46.4	18.74 152	5 551	20 20.1
	23	12 19.70	16.19	3 5.1	0 38.0	79 703	5 822	20 4.1
	27	12 3.51	12.80	2 27.1	0 29.6	85 525	6 059	19 48.1
	31	11 50.71	9.33	1 57.5	0 20.5	91 584	6 263	19 32.2
Febr.	4	11 41.38	5.81	1 37.0	0 11.6	18.97 847	6 434	19 16.3
	8	4 11 35.57	2.26	+21 1 25.4	0 2.4	19.04 281	6 569	19 0.5
	12	11 33.31	1.32	1 23.0	0 7.0	10 850	6 677	18 44.7
	16	11 34.63	4.91	1 30.0	0 16.0	17 527	6 751	18 29.1
	20	11 39.54	8.51	1 46.0	0 25.3	24 278	6 790	18 13.4
	24	11 48.05	12.07	2 11.3	0 34.5	31 068	6 797	17 57.8
	28	4 12 0.12	15.59	+21 2 45.8	0 43.4	19.37 865	6 765	17 42.3
März	3	12 15.71	19.02	3 29.2	0 52.1	44 630	6 704	17 26.9
	7	12 34.73	22.38	4 21.3	1 0.4	51 334	6 613	17 11.5
	11	12 57.11	25.63	5 21.7	1 8.4	57 947	6 490	16 56.1
	15	13 22.74	28.80	6 30.1	1 16.1	64 437	6 346	16 40.8
	19	4 13 51.54	31.86	+21 7 46.2	1 23.4	19.70 783	6 169	16 25.6
	23	14 23.40	34.82	9 9.6	1 30.3	76 952	5 960	16 10.4
	27	14 58.22	37.62	10 39.9	1 36.8	82 912	5 730	15 55.3
	31	15 35.84	40.28	12 16.7	1 42.9	88 642	5 475	15 40.2
April	4	16 16.12	42.76	13 59.6	1 48.2	94 117	5 195	15 25.1
	8	4 16 58.88	45.11	+21 15 47.8	1 53.1	19.99 312	4 899	15 10.1
	12	17 43.99	47.30	17 40.9	1 57.5	20.04 211	4 584	14 55.1
	16	18 31.29	49.34	19 38.4	2 1.6	08 795	4 249	14 40.2
	20	19 20.63	51.22	21 40.0	2 4.8	13 044	3 897	14 25.3
	24	20 11.85	52.92	23 44.8	2 7.8	16 941	3 527	14 10.4
	28	4 21 4.77	54.42	+21 25 52.6	2 10.2	20.20 468	3 146	13 55.6
Mai	2	21 59.19	55.73	28 2.8	2 12.3	23 614	2 753	13 40.8
	6	22 54.92	56.88	30 15.1	2 13.4	26 367	2 354	13 26.0
	10	23 51.80	57.87	32 28.5	2 14.1	28 721	1 946	13 11.2
	14	24 49.67	58.67	34 42.6	2 14.6	30 667	1 532	12 56.4
	18	4 25 48.34	59.30	+21 36 57.2	2 14.8	20.32 199	1 108	12 41.6
	22	26 47.64	59.73	39 12.0	2 14.3	33 307	682	12 26.9
	26	27 47.37	59.97	41 26.3	2 13.2	33 989	253	12 12.2
	30	28 47.34	60.01	43 39.5	2 12.0	34 242	176	11 57.4
Juni	3	29 47.35	59.89	45 51.5	2 10.3	34 066	600	11 42.7
	7	4 30 47.24	59.57	+21 48 1.8	2 8.0	20.33 466	1 021	11 28.0
	11	31 46.81	59.12	50 9.8	2 5.6	32 445	1 439	11 13.2
	15	32 45.93	58.46	52 15.4	2 3.0	31 006	1 856	10 58.5
	19	33 44.39	57.62	54 18.4	2 0.0	29 150	2 263	10 43.7
	23	34 42.01	56.57	56 18.4	1 56.3	26 887	2 663	10 28.9
	27	35 38.58	55.37	+21 58 14.7	1 52.7	24 224	3 051	10 14.1
Juli	1	4 36 33.95		+22 0 7.4		20.21 173		9 59.3

(Column group heading: 0^h Welt-Zeit)

Tag		0ʰ Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944		h m s	s	° ′ ″	′ ″			h m
Juli	1	4 36 33.95	53.98	+22 0 7.4	1 48.7	20.21 173	3 426	9 59.3
	5	37 27.93	52.44	1 56.1	1 44.5	17 747	3 786	9 44.5
	9	38 20.37	50.75	3 40.6	1 40.2	13 961	4 136	9 29.6
	13	39 11.12	48.90	5 20.8	1 35.6	09 825	4 469	9 14.8
	17	40 0.02	46.84	6 56.4	1 30.8	05 356	4 790	8 59.8
	21	4 40 46.86	44.64	+22 8 27.2	1 25.8	20.00 566	5 089	8 44.9
	25	41 31.50	42.28	9 53.0	1 20.6	19.95 477	5 367	8 29.9
	29	42 13.78	39.77	11 13.6	1 15.2	90 110	5 623	8 14.9
Aug.	2	42 53.55	37.14	12 28.8	1 9.8	84 487	5 856	7 59.8
	6	43 30.69	34.38	13 38.6	1 4.3	78 631	6 069	7 44.7
	10	4 44 5.07	31.51	+22 14 42.9	0 58.6	19.72 562	6 258	7 29.5
	14	44 36.58	28.49	15 41.5	0 52.9	66 304	6 424	7 14.3
	18	45 5.07	25.35	16 34.4	0 46.8	59 880	6 560	6 59.0
	22	45 30.42	22.11	17 21.2	0 41.0	53 320	6 667	6 43.7
	26	45 52.53	18.79	18 2.2	0 34.9	46 653	6 745	6 28.4
	30	4 46 11.32	15.41	+22 18 37.1	0 28.8	19.39 908	6 795	6 13.0
Sept.	3	46 26.73	11.99	19 5.9	0 22.5	33 113	6 816	5 57.5
	7	46 38.72	8.51	19 28.4	0 16.7	26 297	6 809	5 41.9
	11	46 47.23	4.97	19 45.1	0 10.4	19 488	6 772	5 26.3
	15	46 52.20	1.40	19 55.5	0 4.1	12 716	6 701	5 10.7
	19	4 46 53.60	2.15	+22 19 59.6	0 1.9	19.06 015	6 597	4 55.0
	23	46 51.45	5.69	19 57.7	0 8.1	18.99 418	6 460	4 39.2
	27	46 45.76	9.15	19 49.6	0 14.4	92 958	6 293	4 23.4
Okt.	1	46 36.61	12.57	19 35.2	0 20.3	86 665	6 099	4 7.5
	5	46 24.04	15.90	19 14.9	0 26.0	80 566	5 871	3 51.6
	9	4 46 8.14	19.17	+22 18 48.9	0 32.0	18.74 695	5 617	3 35.6
	13	45 48.97	22.32	18 16.9	0 37.8	69 078	5 330	3 19.6
	17	45 26.65	25.33	17 39.1	0 43.4	63 748	5 015	3 3.5
	21	45 1.32	28.15	16 55.7	0 48.6	58 733	4 672	2 47.3
	25	44 33.17	30.78	16 7.1	0 53.7	54 061	4 303	2 31.1
	29	4 44 2.39	33.20	+22 15 13.4	0 58.4	18.49 758	3 914	2 14.9
Nov.	2	43 29.19	35.40	14 15.0	1 2.8	45 844	3 502	1 58.6
	6	42 53.79	37.40	13 12.2	1 6.9	42 342	3 072	1 42.3
	10	42 16.39	39.15	12 5.3	1 10.8	39 270	2 621	1 25.9
	14	41 37.24	40.60	10 54.5	1 14.2	36 649	2 155	1 9.5
	18	4 40 56.64	41.76	+22 9 40.3	1 16.8	18.34 494	1 674	0 53.1
	22	40 14.88	42.61	8 23.5	1 19.2	32 820	1 183	0 36.7
	26	39 32.27	43.17	7 4.3	1 20.7	31 637	690	0 20.3
	30	38 49.10	43.41	5 43.6	1 22.2	30 947	191	{ 0 3.8 / 23 59.7 }
Dez.	4	38 5.69	43.38	4 21.4	1 22.7	30 756	308	23 43.3
	8	4 37 22.31	43.02	+22 2 58.7	1 22.7	18.31 064	810	23 26.8
	12	36 39.29	42.36	1 36.0	1 22.1	31 874	1 308	23 10.4
	16	35 56.93	41.38	+22 0 13.9	1 20.8	33 182	1 799	22 54.0
	20	35 15.55	40.07	+21 58 53.1	1 18.6	34 981	2 280	22 37.6
	24	34 35.48	38.51	57 34.5	1 16.1	37 261	2 743	22 21.2
	28	33 56.97	36.66	56 18.4	1 12.8	40 004	3 192	22 4.8
	32	4 33 20.31		+21 55 5.6		18.43 196		21 48.5

Neptun 1944

Tag		0h Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1944		h m s	s	° ′ ″	′ ″			h m
Jan.	−1	12 17 44.57	3.02	−0 24 35.8	0 5.2	30.19 289	6 914	5 46.6
	+3	17 47.59	0.99	24 41.0	0 7.9	12 375	6 852	5 30.9
	7	17 48.58	1.04	24 33.1	0 20.9	30.05 523	6 754	5 15.2
	11	17 47.54	3.03	24 12.2	0 33.7	29.98 769	6 625	4 59.4
	15	17 44.51	5.00	23 38.5	0 46.1	92 144	6 466	4 43.6
	19	12 17 39.51	6.93	−0 22 52.4	0 58.4	29.85 678	6 269	4 27.8
	23	17 32.58	8.82	21 54.0	1 10.4	79 409	6 045	4 12.0
	27	17 23.76	10.65	20 43.6	1 21.6	73 364	5 783	3 56.1
	31	17 13.11	12.39	19 22.0	1 32.5	67 581	5 491	3 40.2
Febr.	4	17 0.72	14.04	17 49.5	1 42.7	62 090	5 176	3 24.3
	8	12 16 46.68	15.59	−0 16 6.8	1 52.1	29.56 914	4 833	3 8.3
	12	16 31.09	17.03	14 14.7	2 0.9	52 081	4 469	2 52.3
	16	16 14.06	18.39	12 13.8	2 9.0	47 612	4 081	2 36.3
	20	15 55.67	19.63	10 4.8	2 16.2	43 531	3 672	2 20.3
	24	15 36.04	20.71	7 48.6	2 22.5	39 859	3 240	2 4.2
	28	12 15 15.33	21.67	−0 5 26.1	2 27.8	29.36 619	2 795	1 48.2
März	3	14 53.66	22.47	2 58.3	2 32.4	33 824	2 335	1 32.1
	7	14 31.19	23.13	−0 0 25.9	2 35.7	31 489	1 869	1 16.0
	11	14 8.06	23.65	+0 2 9.8	2 38.1	29 620	1 395	0 59.8
	15	13 44.41	24.02	4 47.9	2 39.5	28 225	913	0 43.7
	19	12 13 20.39	24.23	+0 7 27.4	2 40.2	29.27 312	428	0 27.6
	23	12 56.16	24.29	10 7.6	2 39.6	26 884	61	0 11.5
	27	12 31.87	24.20	12 47.2	2 38.0	26 945	550	23 51.3
	31	12 7.67	23.93	15 25.2	2 35.4	27 495	1 027	23 35.2
April	4	11 43.74	23.52	18 0.6	2 31.8	28 522	1 499	23 19.1
	8	12 11 20.22	22.98	+0 20 32.4	2 27.4	29.30 021	1 962	23 2.9
	12	10 57.24	22.30	22 59.8	2 22.1	31 983	2 411	22 46.8
	16	10 34.94	21.48	25 21.9	2 16.0	34 394	2 851	22 30.8
	20	10 13.46	20.53	27 37.9	2 9.0	37 245	3 277	22 14.7
	24	9 52.93	19.45	29 46.9	2 1.3	40 522	3 684	21 58.6
	28	12 9 33.48	18.25	+0 31 48.2	1 52.7	29.44 206	4 069	21 42.6
Mai	2	9 15.23	16.94	33 40.9	1 43.7	48 275	4 428	21 26.5
	6	8 58.29	15.54	35 24.6	1 33.8	52 703	4 770	21 10.5
	10	8 42.75	14.06	36 58.4	1 23.6	57 473	5 086	20 54.6
	14	8 28.69	12.50	38 22.0	1 12.9	62 559	5 379	20 38.6
	18	12 8 16.19	10.85	+0 39 34.9	1 1.8	29.67 938	5 646	20 22.7
	22	8 5.34	9.14	40 36.7	0 50.2	73 584	5 885	20 6.8
	26	7 56.20	7.37	41 26.9	0 38.3	79 469	6 095	19 50.9
	30	7 48.83	5.55	42 5.2	0 26.2	85 564	6 271	19 35.1
Juni	3	7 43.28	3.71	42 31.4	0 14.0	91 835	6 422	19 19.2
	7	12 7 39.57	1.86	+0 42 45.4	0 1.8	29.98 257	6 543	19 3.5
	11	7 37.71	0.03	42 47.2	0 10.6	30.04 800	6 636	18 47.7
	15	7 37.74	1.92	42 36.6	0 23.0	11 436	6 698	18 32.0
	19	7 39.66	3.83	42 13.6	0 35.3	18 134	6 731	18 16.3
	23	7 43.49	5.72	41 38.3	0 47.7	24 865	6 731	18 0.6
	27	7 49.21	7.61	40 50.6	0 59.9	31 596	6 700	17 45.0
Juli	1	12 7 56.82		+0 39 50.7		30.38 296		17 29.4

Tag		Scheinbare Rektaszension (0ʰ Welt-Zeit)		Scheinbare Deklination (0ʰ Welt-Zeit)		Δ (0ʰ Welt-Zeit)		Obere Kulmination in Greenwich
1944		h m s	s	° ′ ″	′ ″			h m
Juli	1	12 7 56.82	9.45	+0 39 50.7	1 11.6	30.38 296	6 638	17 29.4
	5	8 6.27	11.26	38 39.1	1 23.3	44 934	6 551	17 13.8
	9	8 17.53	13.03	37 15.8	1 34.6	51 485	6 438	16 58.3
	13	8 30.56	14.77	35 41.2	1 45.5	57 923	6 297	16 42.8
	17	8 45.33	16.48	33 55.7	1 56.2	64 220	6 125	16 27.3
	21	12 9 1.81	18.11	+0 31 59.5	2 6.5	30.70 345	5 927	16 11.9
	25	9 19.92	19.69	29 53.0	2 16.4	76 272	5 704	15 56.5
	29	9 39.61	21.18	27 36.6	2 25.6	81 976	5 453	15 41.1
Aug.	2	10 0.79	22.60	25 11.0	2 34.2	87 429	5 184	15 25.7
	6	10 23.39	23.95	22 36.8	2 42.5	92 613	4 894	15 10.3
	10	12 10 47.34	25.22	+0 19 54.3	2 50.2	30.97 507	4 581	14 55.0
	14	11 12.56	26.42	17 4.1	2 57.3	31.02 088	4 250	14 39.7
	18	11 38.98	27.51	14 6.8	3 3.9	06 338	3 895	14 24.4
	22	12 6.49	28.52	11 2.9	3 9.7	10 233	3 526	14 9.1
	26	12 35.01	29.41	7 53.2	3 14.8	13 759	3 138	13 53.9
	30	12 13 4.42	30.21	+0 4 38.4	3 19.2	31.16 897	2 741	13 38.7
Sept.	3	13 34.63	30.91	+0 1 19.2	3 23.1	19 638	2 332	13 23.4
	7	14 5.54	31.50	−0 2 3.9	3 26.1	21 970	1 913	13 8.2
	11	14 37.04	32.00	5 30.0	3 28.6	23 883	1 481	12 53.0
	15	15 9.04	32.38	8 58.6	3 30.3	25 364	1 041	12 37.8
	19	12 15 41.42	32.64	−0 12 28.9	3 31.1	31.26 405	593	12 22.6
	23	16 14.06	32.78	16 0.0	3 31.3	26 998	144	12 7.4
	27	16 46.84	32.81	19 31.3	3 30.7	27 142	305	11 52.3
Okt.	1	17 19.65	32.73	23 2.0	3 29.3	26 837	755	11 37.1
	5	17 52.38	32.54	26 31.3	3 27.1	26 082	1 200	11 21.9
	9	12 18 24.92	32.23	−0 29 58.4	3 24.4	31.24 882	1 648	11 6.7
	13	18 57.15	31.81	33 22.8	3 20.8	23 234	2 089	10 51.5
	17	19 28.96	31.24	36 43.6	3 16.5	21 145	2 525	10 36.3
	21	20 0.20	30.58	40 0.1	3 11.2	18 620	2 948	10 21.1
	25	20 30.78	29.80	43 11.3	3 5.5	15 672	3 358	10 5.9
	29	12 21 0.58	28.90	−0 46 16.8	2 58.9	31.12 314	3 753	9 50.6
Nov.	2	21 29.48	27.91	49 15.7	2 51.7	08 561	4 134	9 35.4
	6	21 57.39	26.81	52 7.4	2 43.9	31.04 427	4 502	9 20.1
	10	22 24.20	25.59	54 51.3	2 35.4	30.99 925	4 850	9 4.8
	14	22 49.79	24.28	57 26.7	2 26.2	95 075	5 176	8 49.6
	18	12 23 14.07	22.86	−0 59 52.9	2 16.4	30.89 899	5 480	8 34.2
	22	23 36.93	21.34	−1 2 9.3	2 6.2	84 419	5 757	8 18.9
	26	23 58.27	19.75	4 15.5	1 55.2	78 662	6 007	8 3.5
	30	24 18.02	18.08	6 10.7	1 44.0	72 655	6 230	7 48.1
Dez.	4	24 36.10	16.36	7 54.7	1 32.4	66 425	6 427	7 32.7
	8	12 24 52.46	14.54	−1 9 27.1	1 20.3	30.59 998	6 596	7 17.2
	12	25 7.00	12.67	10 47.4	1 7.9	53 402	6 732	7 1.7
	16	25 19.67	10.74	11 55.3	0 55.2	46 670	6 836	6 46.2
	20	25 30.41	8.77	12 50.5	0 42.4	39 834	6 902	6 30.6
	24	25 39.18	6.78	13 32.9	0 29.2	32 932	6 937	6 15.1
	28	25 45.96	4.77	14 2.1	0 16.2	25 995	6 938	5 59.4
	32	12 25 50.73		−1 14 18.3		30.19 057		5 43.8

Pluto 1944

Tag	0h Welt-Zeit: Rektaszension 1950.0		Fixstern-aberration	Deklination 1950.0		Fixstern-aberration	Δ		Lichtzeit	Obere Kulmination in Greenwich
1944	h m s	s	s	° ′ ″	″	″			d	h m
Jan. −1	8 49 14.70	19.10	+1.21	+23 32 16.0	109.9	−5.7	37.03 114	3 608	0.2136	2 18
+3	48 55.60	20.04	1.27	34 5.9	111.0	5.8	36.99 506	3 165	2134	2 2
7	48 35.56	20.85	1.31	35 56.9	111.5	5.8	96 341	2 707	2132	1 46
11	48 14.71	21.54	1.35	37 48.4	111.4	5.8	93 634	2 240	2131	1 30
15	47 53.17	22.10	1.38	39 39.8	110.6	5.8	91 394	1 761	2129	1 14
19	8 47 31.07	22.52	+1.41	+23 41 30.4	109.3	−5.7	36.89 633	1 273	0.2128	0 58
23	47 8.55	22.80	1.43	43 19.7	107.3	5.6	88 360	778	2128	0 42
27	46 45.75	22.92	1.44	45 7.0	104.7	5.5	87 582	281	2127	0 26
31	46 22.83	22.89	1.44	46 51.7	101.6	5.3	87 301	213	2127	0 10
Febr. 4	45 59.94	22.71	1.43	48 33.3	98.0	5.2	87 514	703	2127	23 50
8	8 45 37.23	22.41	+1.42	+23 50 11.3	93.9	−5.0	36.88 217	1 185	0.2127	23 34
12	45 14.82	21.96	1.40	51 45.2	89.3	4.7	89 402	1 659	2128	23 17
16	44 52.86	21.39	1.37	53 14.5	84.4	4.5	91 061	2 123	2129	23 1
20	44 31.47	20.67	1.34	54 38.9	78.9	4.2	93 184	2 576	2130	22 45
24	44 10.80	19.81	1.30	55 57.8	73.1	3.9	95 760	3 012	2132	22 29
28	8 43 50.99	18.84	+1.25	+23 57 10.9	67.0	−3.6	36.98 772	3 429	0.2134	22 13
März 3	43 32.15	17.75	1.20	58 17.9	60.6	3.2	37.02 201	3 823	2136	21 57
7	43 14.40	16.55	1.14	+23 59 18.5	53.9	2.9	06 024	4 194	2138	21 41
11	42 57.85	15.27	1.07	+24 0 12.4	47.1	2.5	10 218	4 543	2140	21 25
15	42 42.58	13.89	1.00	0 59.5	40.1	2.2	14 761	4 867	2143	21 9
19	8 42 28.69	12.43	+0.92	+24 1 39.6	33.0	−1.8	37.19 628	5 167	0.2146	20 53
23	42 16.26	10.89	0.84	2 12.6	25.8	1.4	24 795	5 438	2149	20 37
27	42 5.37	9.27	0.76	2 38.4	18.5	1.0	30 233	5 679	2152	20 21
31	41 56.10	7.61	0.67	2 56.9	11.3	0.6	35 912	5 886	2155	20 5
April 4	41 48.49	5.90	0.58	3 8.2	4.0	−0.2	41 798	6 063	2158	19 50
8	8 41 42.59	4.18	+0.49	+24 3 12.2	3.1	+0.2	37.47 861	6 211	0.2162	19 34
12	41 38.41	2.42	0.40	3 9.1	10.1	0.5	54 072	6 328	2165	19 18
16	41 35.99	0.64	0.30	2 59.0	17.1	0.9	60 400	6 416	2169	19 2
20	41 35.35	1.16	0.20	2 41.9	24.0	1.3	66 816	6 472	2173	18 46
24	41 36.51	2.96	0.11	2 17.9	30.7	1.7	73 288	6 492	2177	18 31
28	8 41 39.47	4.74	+0.01	+24 1 47.2	37.0	+2.0	37.79 780	6 481	0.2180	18 15
Mai 2	41 44.21	6.51	−0.09	1 10.2	43.3	2.4	86 261	6 439	2184	17 59
6	41 50.72	8.24	0.19	+24 0 26.9	49.3	2.7	92 700	6 368	2188	17 44
10	41 58.96	9.94	0.28	+23 59 37.6	54.9	3.0	37.99 068	6 269	2191	17 29
14	42 8.90	11.62	0.38	58 42.7	60.4	3.3	38.05 337	6 142	2195	17 13
18	8 42 20.52	13.24	−0.47	+23 57 42.3	65.6	+3.6	38.11 479	5 987	0.2199	16 58
22	42 33.76	14.83	0.56	56 36.7	70.4	3.9	17 466	5 801	2202	16 42
26	42 48.59	16.35	0.64	55 26.3	75.0	4.2	23 267	5 588	2205	16 27
30	43 4.94	17.81	0.73	54 11.3	79.2	4.4	28 855	5 351	2209	16 11
Juni 3	43 22.75	19.18	0.81	52 52.1	83.0	4.6	34 206	5 092	2212	15 56
7	8 43 41.93	20.49	−0.88	+23 51 29.1	86.5	+4.8	38.39 298	4 811	0.2215	15 40
11	44 2.42	21.73	0.95	50 2.6	89.6	5.0	44 109	4 510	2217	15 25
15	44 24.15	22.90	1.02	48 33.0	92.5	5.2	48 619	4 188	2220	15 9
19	44 47.05	23.98	1.08	47 0.5	94.8	5.4	52 807	3 846	2222	14 54
23	45 11.03	24.98	1.14	45 25.7	96.9	5.5	56 653	3 484	2225	14 38
27	45 36.01	25.87	1.20	43 48.8	98.4	5.6	60 137	3 108	2227	14 23
Juli 1	8 46 1.88		−1.25	+23 42 10.4		+5.7	38.63 245		0.2228	14 8

Tag		Rektaszension 1950.0		Fixstern-aberration	Deklination 1950.0		Fixstern-aberration	Δ		Lichtzeit	Obere Kulmination in Greenwich
1944		h m s	s	s	° ′ ″	″	″			d	h m
Juli	1	8 46 1.88	26.67	−1.25	+23 42 10.4	99.6	+5.7	38.63 245	2 720	0.2228	14 8
	5	46 28.55	27.37	1.29	40 30.8	100.5	5.7	65 965	2 322	2230	13 52
	9	46 55.92	27.99	1.33	38 50.3	100.9	5.8	68 287	1 912	2231	13 37
	13	47 23.91	28.51	1.36	37 9.4	101.0	5.8	70 199	1 492	2232	13 22
	17	47 52.42	28.94	1.39	35 28.4	100.6	5.8	71 691	1 062	2233	13 7
	21	8 48 21.36	29.26	−1.41	+23 33 47.8	99.7	+5.7	38.72 753	625	0.2234	12 51
	25	48 50.62	29.46	1.42	32 8.1	98.5	5.7	73 378	185	2234	12 36
	29	49 20.08	29.57	1.43	30 29.6	96.9	5.6	73 563	255	2234	12 21
Aug.	2	49 49.65	29.57	1.43	28 52.7	94.8	5.5	73 308	695	2234	12 6
	6	50 19.22	29.47	1.43	27 17.9	92.4	5.4	72 613	1 134	2234	11 50
	10	8 50 48.69	29.28	−1.42	+23 25 45.5	89.6	+5.2	38.71 479	1 571	0.2233	11 35
	14	51 17.97	28.98	1.41	24 15.9	86.4	5.0	69 908	2 007	2232	11 20
	18	51 46.95	28.57	1.39	22 49.5	82.7	4.8	67 901	2 436	2231	11 5
	22	52 15.52	28.06	1.36	21 26.8	78.7	4.6	65 465	2 856	2230	10 49
	26	52 43.58	27.43	1.33	20 8.1	74.3	4.4	62 609	3 266	2228	10 34
	30	8 53 11.01	26.71	−1.29	+23 18 53.8	69.5	+4.1	38.59 343	3 662	0.2226	10 19
Sept.	3	53 37.72	25.91	1.24	17 44.3	64.4	3.8	55 681	4 043	2224	10 4
	7	54 3.63	25.02	1.19	16 39.9	58.9	3.5	51 638	4 413	2222	9 48
	11	54 28.65	24.02	1.14	15 41.0	53.2	3.2	47 225	4 768	2219	9 33
	15	54 52.67	22.93	1.08	14 47.8	47.1	2.9	42 457	5 105	2216	9 18
	19	8 55 15.60	21.74	−1.02	+23 14 0.7	40.7	+2.5	38.37 352	5 420	0.2213	9 3
	23	55 37.34	20.47	0.95	13 20.0	34.1	2.2	31 932	5 712	2210	8 47
	27	55 57.81	19.12	0.87	12 45.9	27.2	1.8	26 220	5 979	2207	8 32
Okt.	1	56 16.93	17.71	0.79	12 18.7	20.1	1.4	20 241	6 222	2204	8 17
	5	56 34.64	16.23	0.71	11 58.6	12.9	1.0	14 019	6 441	2200	8 1
	9	8 56 50.87	14.67	−0.63	+23 11 45.7	5.5	+0.6	38.07 578	6 635	0.2196	7 46
	13	57 5.54	13.06	0.54	11 40.2	2.1	+0.2	38.00 943	6 801	2192	7 30
	17	57 18.60	11.38	0.45	11 42.3	9.7	−0.2	37.94 142	6 934	2189	7 15
	21	57 29.98	9.66	0.35	11 52.0	17.4	0.7	87 208	7 037	2185	6 59
	25	57 39.64	7.90	0.26	12 9.4	25.0	1.1	80 171	7 105	2181	6 44
	29	8 57 47.54	6.11	−0.16	+23 12 34.4	32.6	−1.5	37.73 066	7 142	0.2176	6 28
Nov.	2	57 53.65	4.31	−0.06	13 7.0	40.2	1.9	65 924	7 150	2172	6 13
	6	57 57.96	2.49	+0.04	13 47.2	47.5	2.3	58 774	7 125	2168	5 57
	10	58 0.45	0.65	0.14	14 34.7	54.8	2.7	51 649	7 067	2164	5 41
	14	58 1.10	1.19	0.24	15 29.5	61.9	3.1	44 582	6 974	2160	5 25
	18	8 57 59.91	3.02	+0.34	+23 16 31.4	68.7	−3.4	37.37 608	6 844	0.2156	5 10
	22	57 56.89	4.82	0.43	17 40.1	75.2	3.8	30 764	6 682	2152	4 54
	26	57 52.07	6.57	0.53	18 55.3	81.2	4.1	24 082	6 488	2148	4 38
	30	57 45.50	8.29	0.62	20 16.5	87.0	4.4	17 594	6 265	2144	4 22
Dez.	4	57 37.21	9.95	0.71	21 43.5	92.3	4.7	11 329	6 011	2141	4 6
	8	8 57 27.26	11.57	+0.80	+23 23 15.8	97.2	−5.0	37.05 318	5 727	0.2137	3 50
	12	57 15.69	13.12	0.88	24 53.0	101.6	5.2	36.99 591	5 413	2134	3 34
	16	57 2.57	14.59	0.96	26 34.6	105.4	5.4	94 178	5 071	2131	3 18
	20	56 47.98	15.94	1.03	28 20.0	108.6	5.6	89 107	4 702	2128	3 2
	24	56 32.04	17.20	1.10	30 8.6	111.3	5.8	84 405	4 311	2125	2 46
	28	56 14.84	18.35	1.17	31 59.9	113.3	5.9	80 094	3 902	2123	2 30
	32	8 55 56.49		+1.22	+23 33 53.2		−6.0	36.76 192		0.2121	2 14

0ʰ Welt-Zeit

0h Welt-Zeit	Mittleres Äquinoktium 1950.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1944												
Jan. 0	+0.145 760	+17 275	− 47	−1	−0.892 162	+ 2 540	+278	0	−0.386 935	+1 101	+121	0
1	0.163 035	17 223	52	+4	0.889 622	2 817	277	0	0.385 834	1 221	120	0
2	0.180 258	17 165	58	+3	0.886 805	3 093	276	+2	0.384 613	1 341	120	+3
3	0.197 423	17 102	63	+4	0.883 712	3 368	275	+5	0.383 272	1 461	120	+5
4	0.214 525	17 034	68	+3	0.880 344	3 641	273	+5	0.381 811	1 579	118	−1
5	0.231 559	16 960	74	+1	0.876 703	3 914	273	+5	0.380 232	1 697	118	+1
6	+0.248 519	+16 882	− 78	+4	−0.872 789	+ 4 183	+269	−4	−0.378 535	+1 815	+118	+3
7	0.265 401	16 799	83	+4	0.868 606	4 452	269	−1	0.376 720	1 931	116	−2
8	0.282 200	16 711	88	+2	0.864 154	4 720	268	+4	0.374 789	2 048	117	+3
9	0.298 911	16 618	93	−1	0.859 434	4 986	266	+4	0.372 741	2 163	115	−1
10	0.315 529	16 520	98	−4	0.854 448	5 251	265	+4	0.370 578	2 278	115	−1
11	0.332 049	16 417	103	−4	0.849 197	5 513	262	−2	0.368 300	2 392	114	−3
12	+0.348 466	+16 310	−107	−2	−0.843 684	+ 5 775	+262	+3	−0.365 908	+2 505	+113	−4
13	0.364 776	16 197	113	−5	0.837 909	6 035	260	+2	0.363 403	2 618	113	−2
14	0.380 973	16 080	117	0	0.831 874	6 293	258	−1	0.360 785	2 730	112	−3
15	0.397 053	15 958	122	+2	0.825 581	6 549	256	−4	0.358 055	2 841	111	−5
16	0.413 011	15 831	127	+4	0.819 032	6 804	255	−1	0.355 214	2 951	110	−5
17	0.428 842	15 700	131	+5	0.812 228	7 056	252	−4	0.352 263	3 060	109	−4
18	+0.444 542	+15 563	−137	0	−0.805 172	+ 7 307	+251	+2	−0.349 203	+3 170	+110	+3
19	0.460 105	15 421	142	−3	0.797 865	7 556	249	+3	0.346 033	3 277	107	−4
20	0.475 526	15 275	146	−2	0.790 309	7 803	247	+2	0.342 756	3 383	106	−5
21	0.490 801	15 123	152	−5	0.782 506	8 046	243	−4	0.339 373	3 490	107	+2
22	0.505 924	14 966	157	−4	0.774 460	8 289	243	+4	0.335 883	3 594	104	−3
23	0.520 890	14 805	161	+2	0.766 171	8 528	239	+2	0.332 289	3 698	104	+1
24	+0.535 695	+14 639	−166	+3	−0.757 643	+ 8 765	+237	+5	−0.328 591	+3 801	+103	+4
25	0.550 334	14 467	172	−3	0.748 878	8 999	234	+5	0.324 790	3 902	101	0
26	0.564 801	14 291	176	−2	0.739 879	9 230	231	+4	0.320 888	4 002	100	0
27	0.579 092	14 109	182	−5	0.730 649	9 457	227	−3	0.316 886	4 101	99	+1
28	0.593 201	13 924	185	+2	0.721 192	9 681	224	−4	0.312 785	4 198	97	−1
29	0.607 125	13 735	189	+5	0.711 511	9 901	220	−5	0.308 587	4 294	96	0
30	+0.620 860	+13 540	−195	−2	−0.701 610	+10 118	+217	−3	−0.304 293	+4 388	+ 94	−2
31	0.634 400	13 343	197	+2	0.691 492	10 332	214	0	0.299 905	4 480	92	−3
Febr. 1	0.647 743	13 141	202	−2	0.681 160	10 541	209	−4	0.295 425	4 572	92	+5
2	0.660 884	12 935	206	−5	0.670 619	10 747	206	−3	0.290 853	4 662	90	+3
3	0.673 819	12 726	209	−1	0.659 872	10 950	203	0	0.286 191	4 749	87	−4
4	0.686 545	12 514	212	+3	0.648 922	11 149	199	−2	0.281 442	4 836	87	−1
5	+0.699 059	+12 298	−216	+1	−0.637 773	+11 344	+195	−1	−0.276 606	+4 921	+ 85	−2
6	0.711 357	12 079	219	+2	0.626 429	11 537	193	+4	0.271 685	5 004	83	−5
7	0.723 436	11 856	223	−2	0.614 892	11 725	188	−2	0.266 681	5 085	81	−4
8	0.735 292	11 630	226	0	0.603 167	11 909	184	−4	0.261 596	5 166	81	+3
9	0.746 922	+11 401	229	+2	0.591 258	+12 091	182	+4	0.256 430	+5 245	79	+4
10	+0.758 323		−232	+4	−0.579 167		+178	+5	−0.251 185		+ 77	0

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0ʰ Welt-Zeit	Mittleres Äquinoktium 1950.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1944												
Febr. 10	+0.758 323	+11 169	−232	+4	−0.579 167	+12 269	+178	+5	−0.251 185	+5 322	+77	0
11	0.769 492	10 933	236	+1	0.566 898	12 443	174	+2	0.245 863	5 397	75	−5
12	0.780 425	10 695	238	+4	0.554 455	12 613	170	+1	0.240 466	5 470	73	−3
13	0.791 120	10 453	242	0	0.541 842	12 780	167	+3	0.234 996	5 543	73	+4
14	0.801 573	10 208	245	−1	0.529 062	12 944	164	+3	0.229 453	5 614	71	+4
15	0.811 781	9 960	248	−2	0.516 118	13 102	158	−5	0.223 839	5 682	68	0
16	+0.821 741	+ 9 709	−251	−3	−0.503 016	+13 257	+155	−3	−0.218 157	+5 750	+68	+5
17	0.831 450	9 455	254	−3	0.489 759	13 409	152	+5	0.212 407	5 816	66	+3
18	0.840 905	9 197	258	−3	0.476 350	13 557	148	+5	0.206 591	5 879	63	−5
19	0.850 102	8 938	259	+3	0.462 793	13 700	143	+2	0.200 712	5 941	62	−3
20	0.859 040	8 675	263	0	0.449 093	13 839	139	+3	0.194 771	6 001	60	−2
21	0.867 715	8 408	267	−5	0.435 254	13 975	136	+5	0.188 770	6 060	59	+2
22	+0.876 123	+ 8 139	−269	−1	−0.421 279	+14 104	+129	−4	−0.182 710	+6 116	+56	+1
23	0.884 262	7 868	271	+4	0.407 175	14 229	125	−3	0.176 594	6 171	55	+4
24	0.892 130	7 594	274	+5	0.392 946	14 351	122	+4	0.170 423	6 223	52	+2
25	0.899 724	7 318	276	+5	0.378 595	14 466	115	−2	0.164 200	6 274	51	+4
26	0.907 042	7 039	279	0	0.364 129	14 577	111	0	0.157 926	6 322	48	−1
27	0.914 081	6 759	280	+1	0.349 552	14 683	106	0	0.151 604	6 367	45	−4
28	+0.920 840	+ 6 477	−282	+1	−0.334 869	+14 784	+101	+1	−0.145 237	+6 412	+45	+5
29	0.927 317	6 194	283	+3	0.320 085	14 880	96	0	0.138 825	6 454	42	+4
März 1	0.933 511	5 909	285	+1	0.305 205	14 972	92	+3	0.132 371	6 494	40	+2
2	0.939 420	5 624	285	+3	0.290 233	15 058	86	−2	0.125 877	6 531	37	−2
3	0.945 044	5 336	288	−4	0.275 175	15 140	82	+2	0.119 346	6 567	36	0
4	0.950 380	5 048	288	−1	0.260 035	15 218	78	+5	0.112 779	6 601	34	−1
5	+0.955 428	+ 4 759	−289	0	−0.244 817	+15 291	+ 73	+5	−0.106 178	+6 632	+31	−3
6	0.960 187	4 469	290	+1	0.229 526	15 359	68	+2	0.099 546	6 662	30	−1
7	0.964 656	4 178	291	+2	0.214 167	15 423	64	+3	0.092 884	6 690	28	0
8	0.968 834	3 887	291	+3	0.198 744	15 483	60	+2	0.086 194	6 715	25	−5
9	0.972 721	3 593	294	−4	0.183 261	15 537	54	−4	0.079 479	6 739	24	−2
10	0.976 314	3 301	292	+3	0.167 724	15 587	50	−2	0.072 740	6 761	22	+1
11	+0.979 615	+ 3 006	−295	−3	−0.152 137	+15 634	+ 47	+5	−0.065 979	+6 781	+20	−1
12	0.982 621	2 712	294	−1	0.136 503	15 675	41	+1	0.059 198	6 798	17	−5
13	0.985 333	2 416	296	−5	0.120 828	15 712	37	+1	0.052 400	6 814	16	0
14	0.987 749	2 120	296	−3	0.105 116	15 745	33	+2	0.045 586	6 829	15	+4
15	0.989 869	1 823	297	−2	0.089 371	15 773	28	0	0.038 757	6 840	11	−2
16	0.991 692	1 527	296	+2	0.073 598	15 796	23	−2	0.031 917	6 851	11	+3
17	+0.993 219	+ 1 228	−299	−4	−0.057 802	+15 815	+ 19	−1	−0.025 066	+6 858	+ 7	−3
18	0.994 447	930	298	+1	0.041 987	15 829	14	+1	0.018 208	6 865	7	+2
19	0.995 377	632	298	+3	0.026 158	15 839	10	+4	0.011 343	6 868	3	−2
20	0.996 009	332	300	−1	−0.010 319	15 843	+ 4	+1	−0.004 475	6 871	+ 3	+3
21	0.996 341	+ 34	298	+4	+0.005 524	+15 843	0	+4	+0.002 396	+6 870	− 1	−2
22	+0.996 375		−300	−4	+0.021 367		− 5	+3	+0.009 266		− 2	+3

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1950.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1944												
März 22	+0.996 375	− 266	−300	−4	+0.021 367	+15 838	− 5	+3	+0.009 266	+6 868	− 2	+3
23	0.996 109	566	300	−5	0.037 205	15 826	12	−3	0.016 134	6 864	4	+4
24	0.995 543	864	298	+1	0.053 031	15 811	15	+3	0.022 998	6 857	7	−1
25	0.994 679	1 163	299	−2	0.068 842	15 790	21	+2	0.029 855	6 848	9	−2
26	0.993 516	1 460	297	0	0.084 632	15 764	26	+3	0.036 703	6 837	11	−2
27	0.992 056	1 757	297	−3	0.100 396	15 733	31	+4	0.043 540	6 823	14	−3
28	+0.990 299	− 2 052	−295	−1	+0.116 129	+15 697	− 36	+5	+0.050 363	+6 808	−15	+2
29	0.988 247	2 347	295	−5	0.131 826	15 657	40	+5	0.057 171	6 791	17	+4
30	0.985 900	2 640	293	−1	0.147 483	15 611	46	0	0.063 962	6 771	20	+1
31	0.983 260	2 931	291	+3	0.163 094	15 562	49	+2	0.070 733	6 750	21	+3
April 1	0.980 329	3 221	290	+3	0.178 656	15 507	55	−5	0.077 483	6 726	24	−3
2	0.977 108	3 509	288	+3	0.194 163	15 448	59	−4	0.084 209	6 701	25	−1
3	+0.973 599	− 3 797	−288	−4	+0.209 611	+15 385	− 63	0	+0.090 910	+6 673	−28	−5
4	0.969 802	4 083	286	−2	0.224 996	15 318	67	+4	0.097 583	6 644	29	−1
5	0.965 719	4 366	283	+4	0.240 314	15 247	71	+3	0.104 227	6 613	31	−1
6	0.961 353	4 648	282	+1	0.255 561	15 171	76	−2	0.110 840	6 580	33	−1
7	0.956 705	4 930	282	−4	0.270 732	15 090	81	−5	0.117 420	6 545	35	−1
8	0.951 775	5 208	278	+5	0.285 822	15 007	83	+3	0.123 965	6 509	36	+1
9	+0.946 567	− 5 485	−277	+4	+0.300 829	+14 919	− 88	+3	+0.130 474	+6 470	−39	−1
10	0.941 082	5 761	276	+1	0.315 748	14 827	92	+2	0.136 944	6 431	39	+4
11	0.935 321	6 034	273	+4	0.330 575	14 731	96	+3	0.143 375	6 388	43	−2
12	0.929 287	6 307	273	−1	0.345 306	14 631	100	+2	0.149 763	6 345	43	+4
13	0.922 980	6 576	269	+4	0.359 937	14 527	104	+1	0.156 108	6 300	45	+4
14	0.916 404	6 846	270	−4	0.374 464	14 419	108	−2	0.162 408	6 253	47	+2
15	+0.909 558	− 7 112	−266	+3	+0.388 883	+14 306	−113	−5	+0.168 661	+6 204	−49	−1
16	0.902 446	7 376	264	+3	0.403 189	14 190	116	−3	0.174 865	6 153	51	−1
17	0.895 070	7 640	264	−3	0.417 379	14 069	121	−4	0.181 018	6 101	52	+4
18	0.887 430	7 900	260	+2	0.431 448	13 944	125	−4	0.187 119	6 047	54	+5
19	0.879 530	8 158	258	+2	0.445 392	13 814	130	−4	0.193 166	5 991	56	+4
20	0.871 372	8 414	256	−1	0.459 206	13 681	133	+3	0.199 157	5 934	57	+4
21	+0.862 958	− 8 668	−254	−5	+0.472 887	+13 543	−138	+4	+0.205 091	+5 873	−61	−5
22	0.854 290	8 918	250	+1	0.486 430	13 401	142	+3	0.210 964	5 812	61	−1
23	0.845 372	9 165	247	+2	0.499 831	13 254	147	+1	0.216 776	5 748	64	−4
24	0.836 207	9 409	244	−1	0.513 085	13 104	150	+4	0.222 524	5 684	64	+2
25	0.826 798	9 651	242	−5	0.526 189	12 950	154	+4	0.228 208	5 616	68	−3
26	0.817 147	9 888	237	0	0.539 139	12 792	158	+1	0.233 824	5 549	67	+4
27	+0.807 259	−10 122	−234	+1	+0.551 931	+12 630	−162	−2	+0.239 373	+5 478	−71	−3
28	0.797 137	10 352	230	+1	0.564 561	12 465	165	−2	0.244 851	5 407	71	0
29	0.786 785	10 580	228	−5	0.577 026	12 297	168	+1	0.250 258	5 334	73	−2
30	0.776 205	10 804	224	−4	0.589 323	12 125	172	−2	0.255 592	5 259	75	−4
Mai 1	0.765 401	−11 023	219	+2	0.601 448	+11 950	175	0	0.260 851	+5 184	75	0
2	+0.754 378		−218	−4	+0.613 398		−177	+4	+0.266 035		−78	−5

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1950.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1944												
Mai 2	+0.754 378	−11 241	−218	−4	+0.613 398	+11 773	−177	+4	+0.266 035	+5 106	− 78	−5
3	0.743 137	11 453	212	+3	0.625 171	11 592	181	0	0.271 141	5 028	78	−1
4	0.731 684	11 663	210	−1	0.636 763	11 408	184	−3	0.276 169	4 948	80	−5
5	0.720 021	11 869	206	−1	0.648 171	11 221	187	−3	0.281 117	4 866	82	−5
6	0.708 152	12 072	203	−3	0.659 392	11 032	189	0	0.285 983	4 785	81	+4
7	0.696 080	12 271	199	+2	0.670 424	10 839	193	−4	0.290 768	4 701	84	0
8	+0.683 809	−12 466	−195	+5	+0.681 263	+10 645	−194	+2	+0.295 469	+4 616	− 85	+1
9	0.671 343	12 658	192	+3	0.691 908	10 447	198	−2	0.300 085	4 531	85	+4
10	0.658 685	12 847	189	0	0.702 355	10 247	200	−1	0.304 616	4 443	88	−1
11	0.645 838	13 032	185	+1	0.712 602	10 043	204	−4	0.309 059	4 356	87	+4
12	0.632 806	13 214	182	0	0.722 645	9 838	205	+4	0.313 415	4 266	90	−3
13	0.619 592	13 392	178	+1	0.732 483	9 630	208	+5	0.317 681	4 176	90	−1
14	+0.606 200	−13 567	−175	−1	+0.742 113	+ 9 418	−212	+1	+0.321 857	+4 084	− 92	−4
15	0.592 633	13 737	170	+3	0.751 531	9 205	213	+4	0.325 941	3 991	93	−5
16	0.578 896	13 905	168	−5	0.760 736	8 987	218	−4	0.329 932	3 897	94	−2
17	0.564 991	14 069	164	−4	0.769 723	8 767	220	−3	0.333 829	3 802	95	−1
18	0.550 922	14 227	158	+3	0.778 490	8 545	222	+2	0.337 631	3 706	96	0
19	0.536 695	14 382	155	−1	0.787 035	8 320	225	+2	0.341 337	3 608	98	−3
20	+0.522 313	−14 533	−151	−4	+0.795 355	+ 8 092	−228	−2	+0.344 945	+3 509	− 99	−1
21	0.507 780	14 679	146	−4	0.803 447	7 861	231	−2	0.348 454	3 410	99	+4
22	0.493 101	14 821	142	−4	0.811 308	7 629	232	+3	0.351 864	3 309	101	+2
23	0.478 280	14 957	136	−1	0.818 937	7 394	235	+3	0.355 173	3 208	101	+3
24	0.463 323	15 090	133	−5	0.826 331	7 157	237	+2	0.358 381	3 104	104	−4
25	0.448 233	15 217	127	0	0.833 488	6 919	238	+4	0.361 485	3 002	102	+4
26	+0.433 016	−15 339	−122	+1	+0.840 407	+ 6 678	−241	−2	+0.364 487	+2 897	−105	−5
27	0.417 677	15 458	119	−4	0.847 085	6 436	242	−2	0.367 384	2 792	105	−5
28	0.402 219	15 571	113	+1	0.853 521	6 193	243	−1	0.370 176	2 686	106	−5
29	0.386 648	15 679	108	+5	0.859 714	5 947	246	−5	0.372 862	2 580	106	−2
30	0.370 969	15 783	104	+2	0.865 661	5 701	246	−1	0.375 442	2 473	107	−2
31	0.355 186	15 883	100	0	0.871 362	5 454	247	+3	0.377 915	2 366	107	0
Juni 1	+0.339 303	−15 977	− 94	+4	+0.876 816	+ 5 206	−248	+3	+0.380 281	+2 257	−109	−3
2	0.323 326	16 068	91	+1	0.882 022	4 955	251	−4	0.382 538	2 150	107	+4
3	0.307 258	16 153	85	+5	0.886 977	4 705	250	0	0.384 688	2 040	110	−3
4	0.291 105	16 234	81	+3	0.891 682	4 453	252	−2	0.386 728	1 931	109	+1
5	0.274 871	16 311	77	−2	0.896 135	4 201	252	0	0.388 659	1 822	109	+2
6	0.258 560	16 384	73	−5	0.900 336	3 947	254	−5	0.390 481	1 711	111	−4
7	+0.242 176	−16 452	− 68	−4	+0.904 283	+ 3 693	−254	−2	+0.392 192	+1 601	−110	0
8	0.225 724	16 516	64	−4	0.907 976	3 437	256	−5	0.393 793	1 490	111	0
9	0.209 208	16 576	60	−4	0.911 413	3 181	256	0	0.395 283	1 379	111	+1
10	0.192 632	16 631	55	0	0.914 594	2 925	256	+4	0.396 662	1 268	111	+1
11	0.176 001	−16 682	51	−1	0.917 519	+ 2 666	259	−4	0.397 930	+1 155	113	−3
12	+0.159 319		− 47	−1	+0.920 185		−259	−2	+0.399 085		−112	+2

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1950.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1944												
Juni 12	+0.159 319	−16 729	−47	−1	+0.920 185	+2 407	−259	−2	+0.399 085	+1 043	−112	+2
13	0.142 590	16 770	41	+4	0.922 592	2 146	261	−4	0.400 128	931	112	+4
14	0.125 820	16 808	38	−1	0.924 738	1 886	260	+2	0.401 059	818	113	+1
15	0.109 012	16 840	32	+1	0.926 624	1 624	262	0	0.401 877	704	114	−5
16	0.092 172	16 868	28	−2	0.928 248	1 361	263	−2	0.402 581	590	114	−4
17	0.075 304	16 890	22	0	0.929 609	1 098	263	0	0.403 171	477	113	+1
18	+0.058 414	−16 908	−18	−4	+0.930 707	+834	−264	0	+0.403 648	+362	−115	−5
19	0.041 506	16 921	13	−3	0.931 541	570	264	0	0.404 010	247	115	−4
20	0.024 585	16 927	6	+3	0.932 111	306	264	+1	0.404 257	133	114	+3
21	+0.007 658	16 930	−3	−1	0.932 417	+41	265	−2	0.404 390	+19	114	+4
22	−0.009 272	16 926	+4	+3	0.932 458	−223	264	+1	0.404 409	−96	115	+1
23	0.026 198	16 919	7	−3	0.932 235	486	263	+3	0.404 313	210	114	+1
24	−0.043 117	−16 905	+14	+3	+0.931 749	−750	−264	−4	+0.404 103	−325	−115	−3
25	0.060 022	16 887	18	0	0.930 999	1 014	264	−5	0.403 778	439	114	+1
26	0.076 909	16 864	23	−1	0.929 985	1 276	262	+3	0.403 339	553	114	+1
27	0.093 773	16 837	27	−3	0.928 709	1 537	261	+5	0.402 786	666	113	+3
28	0.110 610	16 803	34	+3	0.927 172	1 799	262	0	0.402 120	780	114	−1
29	0.127 413	16 767	36	−3	0.925 373	2 059	260	+4	0.401 340	893	113	+1
30	−0.144 180	−16 724	+43	+3	+0.923 314	−2 318	−259	+5	+0.400 447	−1 005	−112	+3
Juli 1	0.160 904	16 678	46	−2	0.920 996	2 577	259	+2	0.399 442	1 118	113	−2
2	0.177 582	16 627	51	0	0.918 419	2 834	257	+5	0.398 324	1 230	112	−1
3	0.194 209	16 571	56	+3	0.915 585	3 090	256	+2	0.397 094	1 341	111	+4
4	0.210 780	16 511	60	+1	0.912 495	3 346	256	−5	0.395 753	1 451	110	+5
5	0.227 291	16 448	63	−3	0.909 149	3 601	255	−4	0.394 302	1 562	111	−3
6	−0.243 739	−16 379	+69	+4	+0.905 548	−3 854	−253	+1	+0.392 740	−1 673	−111	−5
7	0.260 118	16 306	73	+4	0.901 694	4 106	252	+5	0.391 067	1 781	108	+4
8	0.276 424	16 230	76	−1	0.897 588	4 357	251	+5	0.389 286	1 891	110	−2
9	0.292 654	16 149	81	−1	0.893 231	4 608	251	−3	0.387 395	1 999	108	+1
10	0.308 803	16 064	85	−1	0.888 623	4 858	250	−5	0.385 396	2 108	109	−1
11	0.324 867	15 974	90	+1	0.883 765	5 107	249	−5	0.383 288	2 215	107	+4
12	−0.340 841	−15 880	+94	+1	+0.878 658	−5 355	−248	−3	+0.381 073	−2 322	−107	+2
13	0.356 721	15 781	99	+3	0.873 303	5 601	246	+2	0.378 751	2 429	107	−2
14	0.372 502	15 677	104	+5	0.867 702	5 847	246	−1	0.376 322	2 536	107	−5
15	0.388 179	15 569	108	+2	0.861 855	6 090	243	+3	0.373 786	2 641	105	0
16	0.403 748	15 456	113	0	0.855 765	6 334	244	−4	0.371 145	2 746	105	−3
17	0.419 204	15 338	118	−1	0.849 431	6 574	240	+4	0.368 399	2 851	105	−5
18	−0.434 542	−15 216	+122	−3	+0.842 857	−6 813	−239	+3	+0.365 548	−2 955	−104	−2
19	0.449 758	15 089	127	−1	0.836 044	7 050	237	−1	0.362 593	3 057	102	+4
20	0.464 847	14 957	132	+1	0.828 994	7 286	236	−5	0.359 536	3 159	102	+4
21	0.479 804	14 821	136	+2	0.821 708	7 518	232	+1	0.356 377	3 260	101	+4
22	0.494 625	−14 680	141	+5	0.814 190	−7 749	231	−4	0.353 117	−3 360	100	+2
23	−0.509 305		+145	+4	+0.806 441		−229	−4	+0.349 757		−99	+1

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0^h Welt-Zeit	Mittleres Äquinoktium 1950.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1944												
Juli 23	−0.509 305	−14 535	+145	+4	+0.806 441	− 7 978	−229	−4	+0.349 757	−3 459	−99	+1
24	0.523 840	14 385	150	+5	0.798 463	8 203	225	+3	0.346 298	3 557	98	−1
25	0.538 225	14 232	153	−2	0.790 260	8 426	223	+4	0.342 741	3 654	97	−2
26	0.552 457	14 075	157	−4	0.781 834	8 647	221	+3	0.339 087	3 750	96	−4
27	0.566 532	13 913	162	−2	0.773 187	8 865	218	+3	0.335 337	3 845	95	−5
28	0.580 445	13 748	165	−4	0.764 322	9 080	215	+5	0.331 492	3 938	93	−2
29	−0.594 193	−13 579	+169	−3	+0.755 242	− 9 292	−212	+3	+0.327 554	−4 031	−93	−4
30	0.607 772	13 406	173	+1	0.745 950	9 503	211	−3	0.323 523	4 122	91	0
31	0.621 178	13 229	177	+2	0.736 447	9 709	206	+3	0.319 401	4 211	89	+3
Aug. 1	0.634 407	13 050	179	−2	0.726 738	9 914	205	−2	0.315 190	4 300	89	−2
2	0.647 457	12 866	184	+2	0.716 824	10 114	200	+3	0.310 890	4 388	88	−4
3	0.660 323	12 680	186	−3	0.706 710	10 314	200	−4	0.306 502	4 474	86	0
4	−0.673 003	−12 491	+189	−3	+0.696 396	−10 510	−196	0	+0.302 028	−4 558	−84	+3
5	0.685 494	12 297	194	+4	0.685 886	10 703	193	+4	0.297 470	4 643	85	−4
6	0.697 791	12 101	196	+1	0.675 183	10 893	190	+5	0.292 827	4 725	82	0
7	0.709 892	11 901	200	0	0.664 290	11 082	189	−3	0.288 102	4 807	82	−3
8	0.721 793	11 699	202	−3	0.653 208	11 268	186	−3	0.283 295	4 887	80	0
9	0.733 492	11 491	208	+3	0.641 940	11 451	183	−1	0.278 408	4 966	79	−1
10	−0.744 983	−11 282	+209	−2	+0.630 489	−11 630	−179	+4	+0.273 442	−5 044	−78	−3
11	0.756 265	11 067	215	+4	0.618 859	11 808	178	−3	0.268 398	5 121	77	−5
12	0.767 332	10 850	217	−2	0.607 051	11 982	174	−2	0.263 277	5 196	75	−3
13	0.778 182	10 629	221	−3	0.595 069	12 153	171	−1	0.258 081	5 270	74	−4
14	0.788 811	10 405	224	−5	0.582 916	12 320	167	+1	0.252 811	5 343	73	−5
15	0.799 216	10 177	228	−1	0.570 596	12 484	164	−3	0.247 468	5 414	71	−2
16	−0.809 393	− 9 945	+232	+2	+0.558 112	−12 645	−161	−5	+0.242 054	−5 483	−69	0
17	0.819 338	9 711	234	−1	0.545 467	12 802	157	−2	0.236 571	5 552	69	−4
18	0.829 049	9 473	238	+2	0.532 665	12 954	152	+3	0.231 019	5 618	66	+2
19	0.838 522	9 232	241	0	0.519 711	13 104	150	−3	0.225 401	5 682	64	+4
20	0.847 754	8 989	243	−5	0.506 607	13 248	144	+3	0.219 719	5 746	64	0
21	0.856 743	8 743	246	−3	0.493 359	13 390	142	−4	0.213 973	5 807	61	+4
22	−0.865 486	− 8 493	+250	+3	+0.479 969	−13 528	−138	−3	+0.208 166	−5 866	−59	+5
23	0.873 979	8 242	251	0	0.466 441	13 660	132	+5	0.202 300	5 924	58	+1
24	0.882 221	7 988	254	+2	0.452 781	13 789	129	+5	0.196 376	5 981	57	−3
25	0.890 209	7 731	257	+3	0.438 992	13 914	125	+3	0.190 395	6 035	54	+1
26	0.897 940	7 473	258	0	0.425 078	14 035	121	+2	0.184 360	6 087	52	+3
27	0.905 413	7 212	261	+2	0.411 043	14 151	116	+3	0.178 273	6 138	51	0
28	−0.912 625	− 6 950	+262	−2	+0.396 892	−14 264	−113	−3	+0.172 135	−6 187	−49	−1
29	0.919 575	6 685	265	0	0.382 628	14 373	109	−2	0.165 948	6 234	47	−1
30	0.926 260	6 420	265	−5	0.368 255	14 476	103	+4	0.159 714	6 279	45	−1
31	0.932 680	6 152	268	0	0.353 779	14 577	101	−3	0.153 435	6 323	44	−3
Sept. 1	0.938 832	− 5 882	270	+3	0.339 202	−14 674	97	−5	0.147 112	−6 365	42	−3
2	−0.944 714		+270	−4	+0.324 528		− 92	0	+0.140 747		−40	+1

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	X (Mittleres Äquinoktium 1950.0)			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1944												
Sept. 2	−0.944 714	−5 612	+270	−4	+0.324 528	−14 766	−92	0	+0.140 747	−6 405	−40	+1
3	0.950 326	5 340	272	−3	0.309 762	14 855	89	−3	0.134 342	6 443	38	+3
4	0.955 666	5 065	275	+2	0.294 907	14 941	86	−4	0.127 899	6 480	37	+2
5	0.960 731	4 790	275	−5	0.279 966	15 021	80	+3	0.121 419	6 515	35	+3
6	0.965 521	4 513	277	−4	0.264 945	15 099	78	−2	0.114 904	6 548	33	+3
7	0.970 034	4 233	280	+2	0.249 846	15 173	74	−2	0.108 356	6 580	32	−1
8	−0.974 267	−3 952	+281	+2	+0.234 673	−15 241	−68	+4	+0.101 776	−6 610	−30	−2
9	0.978 219	3 669	283	+2	0.219 432	15 307	66	−4	0.095 166	6 638	28	−3
10	0.981 888	3 385	284	0	0.204 125	15 368	61	−3	0.088 528	6 665	27	−4
11	0.985 273	3 098	287	+3	0.188 757	15 424	56	+1	0.081 863	6 688	23	+1
12	0.988 371	2 811	287	−1	0.173 333	15 475	51	+4	0.075 175	6 711	23	−5
13	0.991 182	2 522	289	−2	0.157 858	15 523	48	−1	0.068 464	6 732	21	−5
14	−0.993 704	−2 232	+290	−4	+0.142 335	−15 565	−42	+3	+0.061 732	−6 750	−18	−1
15	0.995 936	1 941	291	−4	0.126 770	15 602	37	+2	0.054 982	6 766	16	−1
16	0.997 877	1 649	292	−3	0.111 168	15 636	34	−4	0.048 216	6 781	15	−4
17	0.999 526	1 356	293	−2	0.095 532	15 663	27	0	0.041 435	6 793	12	−1
18	1.000 882	1 063	293	−2	0.079 869	15 687	24	−4	0.034 642	6 803	10	−1
19	1.001 945	768	295	+4	0.064 182	15 706	19	−3	0.027 839	6 812	9	−3
20	−1.002 713	− 474	+294	0	+0.048 476	−15 718	−12	+3	+0.021 027	−6 817	− 5	+4
21	1.003 187	− 179	295	0	0.032 758	15 728	10	−4	0.014 210	6 821	4	0
22	1.003 366	+ 115	294	−4	0.017 030	15 731	− 3	+1	0.007 389	6 823	− 2	−3
23	1.003 251	410	295	+1	+0.001 299	15 731	0	−3	+0.000 566	6 823	0	−4
24	1.002 841	705	295	+3	−0.014 432	15 725	+ 6	+2	−0.006 257	6 821	+ 2	−2
25	1.002 136	999	294	0	0.030 157	15 714	11	+3	0.013 078	6 816	5	+3
26	−1.001 137	+1 293	+294	+2	−0.045 871	−15 700	+14	−1	−0.019 894	−6 809	+ 7	+3
27	0.999 844	1 586	293	+1	0.061 571	15 679	21	+4	0.026 703	6 801	8	−4
28	0.998 258	1 879	293	+4	0.077 250	15 656	23	−4	0.033 504	6 791	10	−5
29	0.996 379	2 171	292	+3	0.092 906	15 628	28	−4	0.040 295	6 778	13	−2
30	0.994 208	2 463	292	+5	0.108 534	15 595	33	+1	0.047 073	6 764	14	−4
Okt. 1	0.991 745	2 753	290	0	0.124 129	15 558	37	+2	0.053 837	6 748	16	−4
2	−0.988 992	+3 044	+291	+3	−0.139 687	−15 517	+41	+3	−0.060 585	−6 730	+18	−1
3	0.985 948	3 333	289	−3	0.155 204	15 471	46	+3	0.067 315	6 710	20	−1
4	0.982 615	3 623	290	0	0.170 675	15 423	48	−4	0.074 025	6 689	21	−2
5	0.978 992	3 911	288	−5	0.186 098	15 368	55	+3	0.080 714	6 665	24	+4
6	0.975 081	4 199	288	−4	0.201 466	15 310	58	−2	0.087 379	6 639	26	+4
7	0.970 882	4 487	288	−1	0.216 776	15 248	62	−5	0.094 018	6 613	26	−3
8	−0.966 395	+4 774	+287	−2	−0.232 024	−15 180	+68	−3	−0.100 631	−6 583	+30	+4
9	0.961 621	5 060	286	−4	0.247 204	15 109	71	−5	0.107 214	6 552	31	+3
10	0.956 561	5 345	285	−5	0.262 313	15 031	78	+3	0.113 766	6 518	34	+5
11	0.951 216	5 629	284	−3	0.277 344	14 950	81	−4	0.120 284	6 483	35	−2
12	0.945 587	+5 912	283	0	0.292 294	−14 864	86	−4	0.126 767	−6 446	37	−3
13	−0.939 675		+281	0	−0.307 158		+91	−3	−0.133 213		+39	−3

*) *ΔX*, *ΔY*, *ΔZ* sind in Einheiten der 7. Dezimale gegeben.

0ʰ Welt-Zeit	Mittleres Äquinoktium 1950.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1944												
Okt. 13	−0.939 675	+ 6 193	+281	0	−0.307 158	−14 773	+ 91	−3	−0.133 213	−6 407	+ 39	−3
14	0.933 482	6 474	281	+4	0.321 931	14 677	96	0	0.139 620	6 365	42	+2
15	0.927 008	6 752	278	−2	0.336 608	14 577	100	0	0.145 985	6 322	43	+1
16	0.920 256	7 028	276	−5	0.351 185	14 471	106	+4	0.152 307	6 276	46	+4
17	0.913 228	7 302	274	−3	0.365 656	14 361	110	0	0.158 583	6 228	48	+2
18	0.905 926	7 575	273	+4	0.380 017	14 247	114	−4	0.164 811	6 179	49	−4
19	−0.898 351	+ 7 846	+271	+5	−0.394 264	−14 128	+119	−1	−0.170 990	−6 128	+ 51	−4
20	0.890 505	8 113	267	0	0.408 392	14 004	124	+2	0.177 118	6 074	54	0
21	0.882 392	8 379	266	+3	0.422 396	13 876	128	+2	0.183 192	6 019	55	−1
22	0.874 013	8 641	262	−1	0.436 272	13 743	133	+3	0.189 211	5 961	58	+4
23	0.865 372	8 902	261	+2	0.450 015	13 606	137	+1	0.195 172	5 901	60	+4
24	0.856 470	9 158	256	−3	0.463 621	13 466	140	−2	0.201 073	5 841	60	−4
25	−0.847 312	+ 9 413	+255	+2	−0.477 087	−13 320	+146	+1	−0.206 914	−5 778	+ 63	0
26	0.837 899	9 664	251	−1	0.490 407	13 172	148	−4	0.212 692	5 713	65	0
27	0.828 235	9 912	248	−1	0.503 579	13 019	153	+1	0.218 405	5 647	66	−1
28	0.818 323	10 158	246	+2	0.516 598	12 863	156	0	0.224 052	5 579	68	+2
29	0.808 165	10 400	242	−2	0.529 461	12 702	161	+4	0.229 631	5 509	70	+2
30	0.797 765	10 639	239	−3	0.542 163	12 540	162	−4	0.235 140	5 438	71	−2
31	−0.787 126	+10 876	+237	+1	−0.554 703	−12 372	+168	+4	−0.240 578	−5 366	+ 72	−4
Nov. 1	0.776 250	11 110	234	+1	0.567 075	12 202	170	+1	0.245 944	5 292	74	−1
2	0.765 140	11 341	231	−2	0.579 277	12 027	175	+5	0.251 236	5 216	76	+3
3	0.753 799	11 568	227	−4	0.591 304	11 850	177	−2	0.256 452	5 138	78	+4
4	0.742 231	11 794	226	+3	0.603 154	11 668	182	+1	0.261 590	5 060	78	−3
5	0.730 437	12 017	223	+4	0.614 822	11 483	185	−3	0.266 650	4 980	80	−3
6	−0.718 420	+12 235	+218	−4	−0.626 305	−11 294	+189	−4	−0.271 630	−4 897	+ 83	+1
7	0.706 185	12 451	216	−1	0.637 599	11 102	192	−4	0.276 527	4 814	83	−4
8	0.693 734	12 663	212	−1	0.648 701	10 904	198	+4	0.281 341	4 729	85	−4
9	0.681 071	12 872	209	+3	0.659 605	10 705	199	−3	0.286 070	4 642	87	−1
10	0.668 199	13 078	206	+5	0.670 310	10 500	205	+4	0.290 712	4 554	88	−2
11	0.655 121	13 278	200	−3	0.680 810	10 293	207	+1	0.295 266	4 464	90	+2
12	−0.641 843	+13 476	+198	+4	−0.691 103	−10 081	+212	+4	−0.299 730	−4 372	+ 92	+5
13	0.628 367	13 670	194	+5	0.701 184	9 867	214	−1	0.304 102	4 279	93	+1
14	0.614 697	13 858	188	−2	0.711 051	9 649	218	+1	0.308 381	4 185	94	−1
15	0.600 839	14 044	186	+4	0.720 700	9 427	222	+2	0.312 566	4 089	96	−1
16	0.586 795	14 224	180	−1	0.730 127	9 203	224	−3	0.316 655	3 992	97	−1
17	0.572 571	14 400	176	−1	0.739 330	8 975	228	+2	0.320 647	3 893	99	+3
18	−0.558 171	+14 571	+171	0	−0.748 305	− 8 744	+231	+3	−0.324 540	−3 793	+100	+3
19	0.543 600	14 738	167	+4	0.757 049	8 510	234	+2	0.328 333	3 691	102	+4
20	0.528 862	14 900	162	+4	0.765 559	8 274	236	0	0.332 024	3 589	102	−3
21	0.513 962	15 057	157	+3	0.773 833	8 035	239	+1	0.335 613	3 486	103	−4
22	0.498 905	+15 209	152	+2	0.781 868	− 7 794	241	+1	0.339 099	−3 381	105	+1
23	−0.483 696		+147	+2	−0.789 662		+244	+5	−0.342 480		+106	+4

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0ʰ Welt-Zeit	Mittleres Äquinoktium 1950.0											
	X			*ΔX**)	*Y*			*ΔY**)	*Z*			*ΔZ**)
1944												
Nov. 23	—0.483 696	+15 356	+147	+2	—0.789 662	—7 550	+244	+5	—0.342 480	—3 275	+106	+4
24	0.468 340	15 499	143	+4	0.797 212	7 304	246	+5	0.345 755	3 168	107	+5
25	0.452 841	15 636	137	+1	0.804 516	7 056	248	+1	0.348 923	3 060	108	+2
26	0.437 205	15 770	134	+4	0.811 572	6 807	249	—4	0.351 983	2 953	107	—4
27	0.421 435	15 897	127	—4	0.818 379	6 556	251	—4	0.354 936	2 843	110	+4
28	0.405 538	16 021	124	—1	0.824 935	6 302	254	+2	0.357 779	2 733	110	+4
29	—0.389 517	+16 140	+119	0	—0.831 237	—6 047	+255	0	—0.360 512	—2 622	+111	+4
30	0.373 377	16 255	115	0	0.837 284	5 790	257	—1	0.363 134	2 510	112	+2
Dez. 1	0.357 122	16 364	109	—3	0.843 074	5 532	258	—4	0.365 644	2 399	111	—4
2	0.340 758	16 470	106	+2	0.848 606	5 271	261	+1	0.368 043	2 285	114	+2
3	0.324 288	16 571	101	+2	0.853 877	5 008	263	0	0.370 328	2 172	113	—1
4	0.307 717	16 667	96	—1	0.858 885	4 745	263	—4	0.372 500	2 057	115	+4
5	—0.291 050	+16 758	+ 91	—3	—0.863 630	—4 478	+267	+4	—0.374 557	—1 941	+116	+5
6	0.274 292	16 844	86	—4	0.868 108	4 210	268	+5	0.376 498	1 826	115	—1
7	0.257 448	16 925	81	—4	0.872 318	3 940	270	+4	0.378 324	1 708	118	+4
8	0.240 523	17 001	76	—3	0.876 258	3 669	271	0	0.380 032	1 591	117	—2
9	0.223 522	17 071	70	—3	0.879 927	3 397	272	—5	0.381 623	1 473	118	—3
10	0.206 451	17 138	67	+4	0.883 324	3 123	274	—2	0.383 096	1 354	119	—3
11	—0.189 313	+17 197	+ 59	—4	—0.886 447	—2 847	+276	+5	—0.384 450	—1 235	+119	—5
12	0.172 116	17 252	55	—2	0.889 294	2 570	277	+4	0.385 685	1 116	119	—4
13	0.154 864	17 300	48	—5	0.891 864	2 293	277	+1	0.386 801	994	122	+4
14	0.137 564	17 345	45	+4	0.894 157	2 013	280	+3	0.387 795	874	120	—3
15	0.120 219	17 382	37	—4	0.896 170	1 734	279	—5	0.388 669	753	121	—2
16	0.102 837	17 414	32	—3	0.897 904	1 454	280	—5	0.389 422	631	122	0
17	—0.085 423	+17 440	+ 26	—5	—0.899 358	—1 173	+281	—3	—0.390 053	— 510	+121	—2
18	0.067 983	17 460	20	—3	0.900 531	892	281	—3	0.390 563	387	123	+4
19	0.050 523	17 475	15	+1	0.901 423	611	281	—1	0.390 950	266	121	—2
20	0.033 048	17 484	9	+2	0.902 034	329	282	+2	0.391 216	143	123	+4
21	—0.015 564	17 487	+ 3	+1	0.902 363	— 48	281	0	0.391 359	— 21	122	+1
22	+0.001 923	17 485	— 2	+3	0.902 411	+ 232	280	—2	0.391 380	+ 100	121	—2
23	+0.019 408	+17 477	— 8	0	—0.902 179	+ 513	+281	+3	—0.391 280	+ 223	+123	+3
24	0.036 885	17 464	13	+2	0.901 666	793	280	+1	0.391 057	344	121	—3
25	0.054 349	17 446	18	+1	0.900 873	1 072	279	—2	0.390 713	465	121	—4
26	0.071 795	17 422	24	—4	0.899 801	1 351	279	—2	0.390 248	586	121	—2
27	0.089 217	17 393	29	—3	0.898 450	1 629	278	—4	0.389 662	707	121	+1
28	0.106 610	17 360	33	+1	0.896 821	1 906	277	—4	0.388 955	828	121	+1
29	+0.123 970	+17 321	— 39	0	—0.894 915	+2 183	+277	—1	—0.388 127	+ 947	+119	—4
30	0.141 291	17 278	43	+3	0.892 732	2 460	277	+3	0.387 180	1 068	121	+2
31	0.158 569	+17 229	49	0	0.890 272	+2 736	276	+1	0.386 112	+1 187	119	—4
32	+0.175 798		— 54	+1	—0.887 536		+274	—4	—0.384 925		+119	—2

*) *ΔX*, *ΔY*, *ΔZ* sind in Einheiten der 7. Dezimale gegeben.

Mittleres Äquinoktium 1950.0

MERKUR 1944

0h Welt-Zeit 1944	log r	Helioz. Länge °	Red. auf d. Bahn °	Helioz. Breite °	0h Welt-Zeit 1944	log r	Helioz. Länge °	Red. auf d. Bahn °	Helioz. Breite °
Jan. 1	9.4916	58.30	+0.08	+1.29	Juli 4	9.5039	114.66	+0.15	+6.45
6	9.4898	89.75	+0.21	+4.70	9	9.5339	142.47	−0.04	+6.98
11	9.5088	120.15	+0.12	+6.68	14	9.5683	166.36	−0.18	+6.16
16	9.5402	147.25	−0.07	+6.91	19	9.6004	186.72	−0.21	+4.61
21	9.5746	170.42	−0.20	+5.90	24	9.6273	204.40	−0.16	+2.79
26	9.6060	190.21	−0.21	+4.28	29	9.6475	220.20	−0.06	+0.93
31	9.6316	207.48	−0.14	+2.44	Aug. 3	9.6611	234.80	+0.05	−0.86
Febr. 5	9.6505	223.01	−0.04	+0.58	8	9.6680	248.74	+0.14	−2.52
10	9.6629	237.45	+0.07	−1.19	13	9.6684	262.48	+0.20	−4.00
15	9.6686	251.32	+0.16	−2.81	18	9.6623	276.45	+0.21	−5.27
20	9.6677	265.06	+0.21	−4.26	23	9.6496	291.08	+0.17	−6.26
25	9.6605	279.12	+0.21	−5.48	28	9.6302	306.89	+0.08	−6.88
März 1	9.6465	293.94	+0.16	−6.41	Sept. 2	9.6042	324.47	−0.05	−6.96
6	9.6258	310.03	+0.06	−6.94	7	9.5726	344.54	−0.17	−6.26
11	9.5987	328.02	−0.08	−6.89	12	9.5382	7.84	−0.21	−4.51
16	9.5663	348.65	−0.19	−6.02	17	9.5072	34.85	−0.09	−1.57
21	9.5319	12.63	−0.20	−4.04	22	9.4893	65.10	+0.12	+2.10
26	9.5026	40.32	−0.05	−0.91	27	9.4923	96.58	+0.21	+5.28
31	9.4881	71.00	+0.16	+2.78	Okt. 2	9.5150	126.40	+0.08	+6.87
April 5	9.4954	102.38	+0.20	+5.72	7	9.5478	152.64	−0.11	+6.77
10	9.5206	131.63	+0.05	+6.96	12	9.5818	175.00	−0.21	+5.58
15	9.5543	157.12	−0.13	+6.61	17	9.6120	194.17	−0.20	+3.89
20	9.5879	178.82	−0.21	+5.29	22	9.6363	211.00	−0.12	+2.03
25	9.6171	197.48	−0.19	+3.54	27	9.6538	226.24	−0.01	+0.19
30	9.6401	213.96	−0.10	+1.68	Nov. 1	9.6646	240.51	+0.09	−1.55
Mai 5	9.6564	228.98	+0.01	−0.15	6	9.6689	254.32	+0.17	−3.15
10	9.6660	243.13	+0.11	−1.87	11	9.6667	268.09	+0.21	−4.55
15	9.6690	256.89	+0.18	−3.42	16	9.6579	282.28	+0.20	−5.71
20	9.6656	270.71	+0.21	−4.79	21	9.6426	297.32	+0.14	−6.57
25	9.6556	285.02	+0.20	−5.90	26	9.6205	313.78	+0.03	−6.99
30	9.6389	300.29	+0.12	−6.68	Dez. 1	9.5920	332.28	−0.10	−6.78
Juni 4	9.6155	317.07	+0.01	−7.00	6	9.5587	353.58	−0.20	−5.69
9	9.5860	336.04	−0.13	−6.65	11	9.5248	18.37	−0.18	−3.45
14	9.5523	357.95	−0.21	−5.36	16	9.4978	46.83	−0.01	−0.11
19	9.5188	23.44	−0.16	−2.90	21	9.4879	77.90	+0.19	+3.53
24	9.4943	52.52	+0.04	+0.59	26	9.4997	109.04	+0.18	+6.15
29	9.4884	83.84	+0.20	+4.14	31	9.5276	137.54	0.00	+7.00
Juli 4	9.5039	114.66	+0.15	+6.45					

$\Omega = 47.^\circ 739$ $\quad i = 7.^\circ 004$ $\quad m = \frac{1}{6\,000\,000}$

Mittleres Äquinoktium 1950.0

0h Welt-Zeit		Julian. Zeit	log r	Heliozentr. Länge	Red. auf d. Bahn	Heliozentr. Breite	log R	Länge
			VENUS 1944				ERDE 1944	
1944		d		°	in 0.001	°		°
Jan.	1	2431 090.5	9.85707	171.006	− 8	+3.382	9.99268	99.542
	11	100.5	9.85768	187.199	−34	+3.170	9.99273	109.735
	21	110.5	9.85842	203.331	−48	+2.709	9.99302	119.919
	31	120.5	9.85923	219.389	−48	+2.037	9.99351	130.085
Febr.	10	130.5	9.86004	235.373	−33	+1.210	9.99420	140.224
	20	2431 140.5	9.86080	251.289	− 9	+0.294	9.99506	150.326
März	1	150.5	9.86144	267.150	+19	−0.643	9.99608	160.384
	11	160.5	9.86192	282.976	+40	−1.528	9.99720	170.393
	21	170.5	9.86220	298.787	+50	−2.296	9.99841	180.348
	31	180.5	9.86226	314.599	+45	−2.890	9.99965	190.246
April	10	2431 190.5	9.86210	330.429	+26	−3.266	0.00090	200.089
	20	200.5	9.86173	346.287	0	−3.394	0.00211	209.875
	30	210.5	9.86116	2.179	−27	−3.264	0.00326	219.608
Mai	10	220.5	9.86046	18.109	−45	−2.884	0.00430	229.292
	20	230.5	9.85967	34.080	−50	−2.280	0.00522	238.933
	30	2431 240.5	9.85886	50.096	−40	−1.497	0.00599	248.536
Juni	9	250.5	9.85807	66.160	−17	−0.595	0.00658	258.109
	19	260.5	9.85738	82.273	+11	+0.357	0.00698	267.660
	29	270.5	9.85684	98.435	+35	+1.283	0.00718	277.198
Juli	9	280.5	9.85651	114.641	+49	+2.110	0.00718	286.731
	19	2431 290.5	9.85638	130.880	+47	+2.769	0.00698	296.269
	29	300.5	9.85650	147.134	+31	+3.207	0.00658	305.820
Aug.	8	310.5	9.85684	163.380	+ 5	+3.390	0.00599	315.393
	18	320.5	9.85737	179.595	−23	+3.303	0.00523	324.996
	28	330.5	9.85806	195.757	−43	+2.955	0.00431	334.636
Sept.	7	2431 340.5	9.85885	211.851	−50	+2.376	0.00327	344.320
	17	350.5	9.85967	227.869	−42	+1.614	0.00212	354.053
	27	360.5	9.86046	243.815	−21	+0.731	0.00091	3.838
Okt.	7	370.5	9.86116	259.700	+ 6	−0.205	9.99967	13.680
	17	380.5	9.86172	275.540	+31	−1.123	9.99843	23.578
	27	2431 390.5	9.86210	291.355	+47	−1.954	9.99722	33.532
Nov.	6	400.5	9.86226	307.165	+49	−2.636	9.99610	43.540
	16	410.5	9.86220	322.985	+36	−3.119	9.99509	53.597
	26	420.5	9.86192	338.829	+13	−3.366	9.99422	63.699
Dez.	6	430.5	9.86144	354.704	−15	−3.357	9.99352	73.836
	16	2431 440.5	9.86081	10.616	−38	−3.092	9.99303	84.002
	26	450.5	9.86005	26.568	−50	−2.589	9.99274	94.185
	36	2431 460.5	9.85923	42.563	−46	−1.884	9.99268	104.377

Venus: $\Omega = 76\overset{\circ}{.}230$ $i = 3\overset{\circ}{.}394$ $m = \frac{1}{408\,000}$

Erde: $m = \frac{1}{329\,390}$

Mittleres Äquinoktium 1950.0

0h Welt-Zeit		log r	Helioz. Länge	Red. a. d. Bahn	Helioz. Breite	log r	Helioz. Länge	Red. a. d. Bahn	Helioz. Breite
		MARS 1944				JUPITER 1944			
1944			°	° in 0.001	°		°	° in 0.0001	°
Jan.	1	0.19393	86.131	+14	+1.112	0.727486	138.8679	+73	+0.8209
	11	0.19724	91.051	15	1.235	0.727732	139.6554	73	0.8348
	21	0.20040	95.899	15	1.347	0.727975	140.4420	73	0.8485
	31	0.20338	100.680	15	1.448	0.728216	141.2277	74	0.8620
Febr.	10	0.20617	105.398	14	1.538	0.728453	142.0126	74	0.8754
	20	0.20875	110.058	+13	+1.616	0.728689	142.7966	+74	+0.8886
März	1	0.21113	114.666	11	1.684	0.728922	143.5797	74	0.9016
	11	0.21327	119.226	10	1.739	0.729151	144.3621	74	0.9144
	21	0.21519	123.744	8	1.784	0.729378	145.1436	74	0.9271
	31	0.21687	128.225	6	1.817	0.729602	145.9243	74	0.9396
April	10	0.21830	132.674	+ 3	+1.838	0.729824	146.7042	+74	+0.9518
	20	0.21948	137.096	+ 1	1.849	0.730042	147.4834	74	0.9639
	30	0.22041	141.497	− 1	1.849	0.730257	148.2617	74	0.9758
Mai	10	0.22109	145.882	3	1.838	0.730469	149.0393	74	0.9875
	20	0.22151	150.256	6	1.816	0.730679	149.8162	73	0.9991
	30	0.22166	154.624	− 8	+1.784	0.730885	150.5923	+73	+1.0104
Juni	9	0.22157	158.991	10	1.741	0.731089	151.3676	73	1.0215
	19	0.22121	163.362	11	1.688	0.731290	152.1423	72	1.0324
	29	0.22059	167.743	13	1.625	0.731487	152.9163	72	1.0432
Juli	9	0.21972	172.138	14	1.553	0.731681	153.6895	71	1.0537
	19	0.21859	176.554	−14	+1.471	0.731873	154.4621	+70	+1.0640
	29	0.21722	180.995	15	1.379	0.732060	155.2340	70	1.0742
Aug.	8	0.21560	185.466	15	1.279	0.732244	156.0053	69	1.0841
	18	0.21374	189.972	15	1.170	0.732426	156.7759	68	1.0938
	28	0.21164	194.520	14	1.053	0.732604	157.5459	67	1.1033
Sept.	7	0.20932	199.114	−13	+0.927	0.732779	158.3153	+66	+1.1126
	17	0.20678	203.759	12	0.795	0.732950	159.0840	66	1.1217
	27	0.20403	208.461	10	0.655	0.733118	159.8522	65	1.1306
Okt.	7	0.20109	213.224	8	0.509	0.733283	160.6198	64	1.1393
	17	0.19797	218.054	6	0.357	0.733444	161.3868	62	1.1477
	27	0.19469	222.955	− 3	+0.201	0.733602	162.1532	+61	+1.1560
Nov.	6	0.19127	227.933	− 1	+0.040	0.733756	162.9191	60	1.1641
	16	0.18772	232.992	+ 2	−0.123	0.733908	163.6845	59	1.1719
	26	0.18407	238.135	5	0.288	0.734055	164.4493	58	1.1795
Dez.	6	0.18035	243.366	7	0.454	0.734199	165.2136	57	1.1869
	16	0.17659	248.688	+ 9	−0.618	0.734340	165.9775	+55	+1.1941
	26	0.17281	254.104	11	0.780	0.734477	166.7408	54	1.2011
	36	0.16906	259.615	+13	−0.938	0.734610	167.5037	+52	+1.2078

Mars: $\Omega = 49\overset{\circ}{.}172$ $i = 1\overset{\circ}{.}850$ $m = \frac{1}{3\,093\,500}$

Jupiter: $\Omega = 99\overset{\circ}{.}9528$ $i = 1\overset{\circ}{.}3059$ $m = \frac{1}{1\,047.35}$

Mittleres Äquinoktium 1950.0

SATURN 1944

0ʰ Welt-Zeit			Julian. Zeit	log r	Heliozentrische Länge	Red. auf die Bahn	Heliozentrische Breite
			d		°	in 0.°0001	°
1943	Dez.	22	2431 080.5	0.955959	83.4537	−233	−1.2360
1944	Jan.	31	120.5	0.955867	84.9457	226	1.1794
	März	11	160.5	0.955790	86.4382	218	1.1219
	April	20	200.5	0.955728	87.9310	−209	−1.0637
	Mai	30	240.5	0.955681	89.4241	200	1.0047
	Juli	9	280.5	0.955650	90.9173	190	0.9450
	Aug.	18	320.5	0.955634	92.4106	−180	−0.8848
	Sept.	27	360.5	0.955634	93.9038	169	0.8238
	Nov.	6	400.5	0.955649	95.3969	158	0.7624
	Dez.	16	440.5	0.955679	96.8897	146	0.7004
1945	Jan.	25	2431 480.5	0.955725	98.3822	−134	−0.6380

$\Omega = 113^\circ\!.2251 \qquad i = 2^\circ\!.4903 \qquad m = \frac{1}{3\,501.6}$

URANUS 1944

0ʰ Welt-Zeit			Julian. Zeit	log r	Heliozentrische Länge	Red. auf die Bahn	Heliozentrische Breite
			d		°	in 0.°001	°
1943	Dez.	22	2431 080.5	1.28687	67.164	− 1	−0.090
1944	Jan.	31	120.5	1.28671	67.625	1	0.083
	März	11	160.5	1.28654	68.087	− 1	0.077
	April	20	200.5	1.28637	68.549	0	−0.071
	Mai	30	240.5	1.28620	69.011	0	0.065
	Juli	9	280.5	1.28603	69.474	0	0.058
	Aug.	18	320.5	1.28586	69.937	0	−0.052
	Sept.	27	360.5	1.28569	70.400	0	0.046
	Nov.	6	400.5	1.28552	70.864	0	0.040
	Dez.	16	440.5	1.28535	71.328	0	0.033
1945	Jan.	25	2431 480.5	1.28518	71.792	0	−0.027

$\Omega = 73^\circ\!.745 \qquad i = 0^\circ\!.773 \qquad m = \frac{1}{22\,869}$

NEPTUN 1944

0ʰ Welt-Zeit			Julian. Zeit	log r	Heliozentrische Länge	Red. auf die Bahn	Heliozentrische Breite
			d		°	in 0.°001	°
1943	Dez.	22	2431 080.5	1.48091	182.415	+ 13	+1.383
1944	Jan.	31	120.5	1.48093	182.651	13	1.388
	März	11	160.5	1.48094	182.888	13	1.392
	April	20	200.5	1.48096	183.125	+ 13	+1.397
	Mai	30	240.5	1.48097	183.361	13	1.401
	Juli	9	280.5	1.48098	183.598	13	1.406
	Aug.	18	320.5	1.48099	183.835	+ 13	+1.410
	Sept.	27	360.5	1.48101	184.071	13	1.415
	Nov.	6	400.5	1.48102	184.308	13	1.419
	Dez.	16	440.5	1.48103	184.545	13	1.423
1945	Jan.	25	2431 480.5	1.48104	184.781	+ 13	+1.428

$\Omega = 131^\circ\!.230 \qquad i = 1^\circ\!.775 \qquad m = \frac{1}{19\,314}$

PLUTO 1944

0ʰ Welt-Zeit			Julian. Zeit	log r	Heliozentrische Länge	Red. auf die Bahn	Heliozentrische Breite
			d		°	in 0.°001	°
1943	Dez.	22	2431 080.5	1.57842	127.522	+775	+5.412
1944	März	11	160.5	1.57778	127.846	787	5.506
	Mai	30	240.5	1.57713	128.171	799	5.600
	Aug.	18	320.5	1.57648	128.498	811	5.694
	Nov.	6	400.5	1.57583	128.825	823	5.788
1945	Jan.	25	2431 480.5	1.57518	129.153	+834	+5.883

$\Omega = 109^\circ\!.633 \qquad i = 17^\circ\!.144 \qquad m \approx \frac{1}{3\,300\,000}$

Mittlere und Scheinbare Sternörter 1944

Reduktionsgrößen

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.s0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0".001
		m		h m s	s		° ' "	"	
905	[2 Ceti]	4.62	A 0	0 0 52.313	+3.0732	+ 16	−17 38 51.54	+20.041	− 2
1001	[45 G. Tucanae]	5.64	B 9	0 1 52.083	+3.0489	+ 92	−71 44 54.99	+20.026	− 16
1002	[33 Piscium]	4.68	K 0	0 2 28.101	+3.0708	− 8	− 6 1 14.55	+20.139	+ 97
1003	[9 G. Ceti]	6.06	F 0	0 3 58.246	+3.0704	+ 73	−23 25 7.03	+20.000	− 40
1	α Andromedae	2.15	A 0 p	0 5 29.235	+3.1011	+ 103	+28 46 52.84	+19.879	− 159
2	β Cassiopeiae	2.42	F 5	0 6 10.512	+3.2005	+ 674	+58 50 27.58	+19.858	− 178
3	ε Phoenicis	3.94	K 0	0 6 34.512	+3.0459	+ 126	−46 3 22.48	+19.864	− 170
4	[22 Andromedae]	5.08	F 0	0 7 24.023	+3.1180	+ 3	+45 45 38.64	+20.035	+ 3
5	[$\varkappa^2$ Sculptoris]	5.56	K 0	0 8 43.949	+3.0467	+ 8	−28 6 41.45	+20.053	+ 25
6	[ϑ Sculptoris]	5.19	F 5	0 8 53.354	+3.0491	+ 129	−35 26 46.86	+20.164	+ 136
7	γ Pegasi	2.87	B 2	0 10 20.910	+3.0893	+ 1	+14 52 20.48	+20.016	− 6
1004	[χ Pegasi]	4.94	M 0	0 11 42.033	+3.1044	+ 65	+19 53 43.43	+20.022	+ 5
1005	[σ Andromedae]	4.51	A 2	0 15 23.660	+3.1339	− 56	+36 28 29.98	+19.962	− 35
1006	[Pi 0ʰ 38 Andr]	5.80	A 0	0 15 42.409	+3.1333	+ 47	+31 12 23.36	+20.000	+ 4
9	ι Ceti	3.75	K 0	0 16 34.445	+3.0564	− 12	− 9 8 2.99	+19.964	− 27
10	ζ Tucanae	4.34	F 8	0 17 10.002	+3.1278	+2713	−65 12 13.34	+21.159	+1173
1007	[−18° 41 Cetus]	6.88	K 0	0 17 12.627	+3.0455	+ 50	−18 0 39.75	+19.995	+ 9
1008	[41 Piscium]	5.58	K 0	0 17 42.790	+3.0871	− 4	+ 7 52 45.87	+19.998	+ 15
1009	[ρ Andromedae]	5.20	F 5	0 18 9.825	+3.1599	+ 49	+37 39 31.04	+19.946	− 34
1010	[44 Piscium]	5.99	G 5	0 22 31.822	+3.0760	− 9	+ 1 37 47.19	+19.936	− 10
11	β Hydri	2.90	G 0	0 22 50.492	+3.1602	+6909	−77 34 10.06	+20.272	+ 329
12	α Phoenicis	2.44	K 0	0 23 31.243	+2.9661	+ 190	−42 36 35.44	+19.553	− 384
1011	[Pi 0ʰ 78 Cetus]	7.54	M 3	0 25 10.023	+3.0451	+ 30	−11 58 6.25	+19.907	− 15
1012	[48 Piscium]	6.46	K 2	0 25 17.885	+3.1169	+ 11	+16 8 8.08	+19.910	− 11
13	12 Ceti	6.05	K 5	0 27 10.793	+3.0620	+ 6	− 4 15 59.26	+19.899	− 3
14	[49 G. Ceti]	5.23	A 3	0 27 34.746	+2.9995	− 19	−24 5 49.95	+19.919	+ 22
15	[λ^1 Phoenicis]	4.88	A 2	0 28 43.218	+2.8947	+ 145	−49 6 46.54	+19.916	+ 30
16	[ϰ Cassiopeiae]	4.24	B 0	0 29 47.854	+3.4077	− 5	+62 37 22.98	+19.877	+ 3
1013	[77 G. Sculptoris]	5.62	K 0	0 30 54.959	+2.9678	− 21	−29 52 0.13	+19.828	− 32
1014	[58 G. Phoenicis]	5.55	F 5	0 31 48.239	+2.8546	+ 241	−52 40 56.20	+19.890	+ 40
17	ζ Cassiopeiae	3.72	B 3	0 33 50.258	+3.3417	+ 17	+53 35 20.50	+19.819	− 6
18	π Andromedae	4.47	B 3	0 33 52.959	+3.2043	+ 12	+33 24 40.84	+19.824	0
19	[ε Andromedae]	4.52	G 5	0 35 35.390	+3.1702	− 176	+29 0 28.95	+19.555	− 247
20	δ Andromedae	3.49	K 2	0 36 19.599	+3.2082	+ 104	+30 33 17.33	+19.704	− 88
21	α Cassiopeiae	2.1–2.6	K 0	0 37 18.868	+3.4034	+ 60	+56 13 50.15	+19.750	− 28
1015	[μ Phoenicis]	4.65	K 0	0 38 40.965	+2.8348	− 26	−46 23 31.34	+19.769	+ 11
1016	[Lac 181 Scul]	7.21	M 0	0 39 54.997	+2.9010	− 18	−36 19 45.23	+19.749	+ 10
22	β Ceti	2.24	K 0	0 40 46.749	+3.0115	+ 165	−18 17 37.18	+19.766	+ 40
23	[η Phoenicis]	4.53	A 0	0 40 50.663	+2.6977	+ 4	−57 46 11.39	+19.747	+ 21
26	[λ^2 Sculptoris]	5.97	K 0	0 41 29.799	+2.9002	+ 201	−38 43 47.41	+19.842	+ 127

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.ˢ0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.″001
		m		h m s	s		° ′ ″	″	
25	o Cassiopeiae	4.70	B 2	0 41 35.588	+3.3428	+ 17	+47 58 41.75	+19.710	− 3
24	21 Cassiopeiae	*5.7-6.1*	A 2	0 41 54.633	+3.9560	− 53	+74 40 56.59	+19.688	− 20
1017	[70 G. Phoenicis]	6.00	A 5	0 42 18.419	+2.8366	− 79	−42 58 52.81	+19.603	− 100
27	ζ Andromedae	4.30	K 0	0 44 21.881	+3.1800	− 75	+23 57 46.47	+19.592	− 76
1018	[79 G. Ceti]	5.45	B 9	0 45 14.830	+2.9688	+ 17	−22 1 40.06	+19.645	− 9
1019	[96 G. Piscium]	5.82	G 5	0 45 26.565	+3.1467	+ 505	+ 4 59 34.79	+18.509	−1141
28	[δ Piscium]	4.55	K 5	0 45 46.433	+3.1126	+ 55	+ 7 16 50.37	+19.599	− 45
1020	[64 Piscium]	5.23	F 5	0 46 1.872	+3.1527	− 2	+16 38 19.18	+19.442	− 197
31	[λ Hydri]	4.96	K 5	0 46 39.257	+2.0841	+ 355	−75 13 40.94	+19.605	− 24
1021	[ν Andromedae]	4.42	B 3	0 46 42.969	+3.3081	+ 15	+40 46 27.54	+19.611	− 17
29	[Br 82 Cass]	5.45	F 2 + A 2	0 47 18.429	+3.6377	+ 39	+63 56 35.24	+19.610	− 6
30	[φ² Ceti]	5.24	F 5	0 47 19.255	+3.0045	− 157	−10 56 43.84	+19.397	− 220
1022	[20 Ceti]	4.92	K 0	0 50 8.644	+3.0662	+ 3	− 1 26 52.79	+19.552	− 13
34	[λ² Tucanae]	5.34	K 0	0 52 55.197	+2.2426	+ 20	−69 49 46.62	+19.474	− 36
32	γ Cassiopeiae	1.6–2.3	B 0 p	0 53 18.575	+3.6189	+ 28	+60 24 50.37	+19.500	− 2
33	μ Andromedae	3.94	A 2	0 53 38.173	+3.3299	+ 127	+38 11 45.82	+19.533	+ 37
1023	[68 Piscium]	5.64	K 0	0 54 47.889	+3.2466	+ 2	+28 41 23.58	+19.465	− 7
35	α Sculptoris	4.39	B 5	0 55 54.526	+2.8905	+ 12	−29 39 34.97	+19.456	+ 7
1024	[98 G. Ceti]	6.70	K 0	0 55 55.488	+3.0385	+ 3	− 6 11 1.08	+19.376	− 73
1025	[101 G. Ceti]	6.58	G 5	0 58 51.903	+2.9776	+ 55	−16 33 54.80	+19.314	− 71
1027	[80 G. Phoenicis]	6.00	K 0	0 59 39.952	+2.5370	− 2	−57 18 12.59	+19.396	+ 29
1026	[σ Sculptoris]	5.52	A 2	0 59 46.032	+2.8647	+ 57	−31 51 11.09	+19.382	+ 17
36	ε Piscium	4.45	K 0	1 0 2.015	+3.1139	− 54	+ 7 35 20.77	+19.388	+ 30
37	[26 Ceti]	6.18	F 0	1 0 55.936	+3.0876	+ 78	+ 1 4 1.63	+19.302	− 36
1028	[72 Piscium]	5.65	F 2	1 2 7.724	+3.1671	+ 4	+14 38 43.39	+19.369	+ 59
1029	[106 G. Ceti]	6.29	G 5	1 3 25.029	+2.9065	− 19	−24 17 29.11	+19.238	− 42
1030	[μ Cassiopeiae]	5.26	G 5	1 4 31.694	+3.9907	+3938	+54 38 47.01	+17.680	−1573
39	[ι Tucanae]	5.32	K 0	1 5 5.859	+2.3774	+ 108	−62 4 26.26	+19.241	+ 2
1031	υ Phoenicis	5.15	A 3	1 5 14.521	+2.7413	+ 35	−41 47 9.86	+19.240	+ 4
40	[η Ceti]	3.60	K 0	1 5 46.317	+3.0179	+ 147	−10 28 42.88	+19.094	− 128
42	β Andromedae	2.37	M 0	1 6 35.305	+3.3592	+ 146	+35 19 27.10	+19.090	− 112
41	[44 H. Cephei]	5.68	A 0	1 7 21.203	+5.1711	+ 325	+79 22 36.09	+19.184	+ 2
1032	[χ Piscium]	4.89	K 0	1 8 26.284	+3.2246	+ 26	+20 44 14.82	+19.151	− 5
43	[τ Piscium]	4.70	K 0	1 8 34.136	+3.3041	+ 53	+29 47 34.37	+19.120	− 32
44	[102 G. Sculpt.]	5.91	A 5	1 10 10.722	+2.7635	+ 68	−38 9 9.98	+19.086	− 24
1033	[ζ Piscium *pr*]	5.57	A 5	1 10 48.124	+3.1346	+ 95	+ 7 16 47.06	+19.044	− 50
1034	[89 Piscium]	5.28	A 2	1 14 54.441	+3.0946	− 35	+ 3 19 12.46	+18.962	− 19
45	υ Piscium	4.67	A 2	1 16 22.906	+3.2974	+ 16	+26 58 13.07	+18.930	− 9
1035	[ξ Andromedae]	4.99	K 0	1 19 1.914	+3.5319	+ 31	+45 14 9.58	+18.873	+ 11
1036	[109 G. Sculpt.]	5.82	K 5	1 20 54.685	+2.7924	− 5	−31 14 12.77	+18.770	− 37

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.s0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0."001
		m		h m s	s		° ′ ″	″	
47	ϑ Ceti	3.83	K o	1 21 13.375	+2.9987	— 54	— 8 28 18.51	+18.581	— 216
46	[ψ Cassiopeiae]	4.97	K o	1 21 56.777	+4.2345	+ 126	+67 50 18.79	+18.804	+ 30
1037	[138 G. Ceti]	6.38	G 5	1 21 57.848	+3.0486	+ 11	— 3 8 22.42	+18.748	— 26
48	δ Cassiopeiae	2.80	A 5	1 22 7.934	+3.9232	+ 396	+59 56 42.00	+18.723	— 46
1038	[9 G. Hydri]	5.82	K 5	1 23 9.217	+2.0743	+ 27	—64 39 36.96	+18.727	— 10
1039	[94 Piscium]	5.63	K o	1 23 39.856	+3.2402	+ 31	+18 57 2.97	+18.665	— 57
1041	[47 Ceti]	5.68	F o	1 24 5.723	+2.9606	+ 12	—13 20 49.48	+18.720	+ 12
1040	[ω Andromedae]	4.96	F 5	1 24 17.586	+3.5879	+ 321	+45 7 5.96	+18.601	— 100
49	[γ Phoenicis]	3.40	K 5	1 25 56.125	+2.6054	— 16	—43 36 16.28	+18.452	— 198
1043	[48 Ceti]	5.13	A o	1 26 54.944	+2.8781	+ 40	—21 55 6.43	+18.627	+ 9
1042	[38 Cassiopeiae]	5.95	F 5	1 27 1.565	+4.4593	+ 263	+69 58 38.53	+18.544	— 70
50	η Piscium	3.72	G 5	1 28 28.929	+3.2104	+ 18	+15 3 27.89	+18.564	— 3
1044	[δ Phoenicis]	3.96	K o	1 28 55.314	+2.4977	+ 137	—49 21 47.28	+18.715	+ 162
53	[14 G. Hydri]	6.06	G 5	1 33 15.544	+0.3981	— 74	—78 47 19.72	+18.289	— 118
1045	[υ Andromedae]	4.18	G o	1 33 30.009	+3.5209	— 153	+41 7 34.12	+18.019	— 378
51	40 Cassiopeiae	5.50	K o	1 33 59.663	+4.7870	— 36	+72 45 20.26	+18.369	— 10
1046	[π Piscium]	5.63	F o	1 34 7.542	+3.1807	— 46	+11 51 21.04	+18.424	+ 48
52	51 Andromedae	3.77	K o	1 34 32.533	+3.6823	+ 66	+48 20 43.19	+18.252	— 109
54	α Eridani	0.60	B 5	1 35 37.880	+2.2351	+ 127	—57 31 14.41	+18.300	— 23
55	43 Cassiopeiae	5.54	A o p	1 38 9.705	+4.4398	+ 86	+67 45 38.97	+18.227	— 3
56	[ν Piscium]	4.68	K o	1 38 30.818	+3.1223	— 17	+ 5 12 17.78	+18.225	+ 7
1047	[+34° 297 Tria]	5.45	B 8	1 38 48.743	+3.4676	+ 38	+34 57 49.40	+18.178	— 30
58	[129 G. Sculpt.]	5.64	A o	1 39 34.863	+2.6436	— 39	—37 6 51.29	+18.161	— 19
1048	[π Sculptoris]	5.28	K o	1 39 36.947	+2.7070	— 62	—32 36 31.01	+18.164	— 15
1049	[175 G. Ceti]	5.27	G 5	1 39 53.508	+3.0339	— 1	— 3 58 17.66	+18.136	— 32
57	φ Persei	4.19	B o p	1 40 8.180	+3.7597	+ 26	+50 24 27.05	+18.147	— 11
59	τ Ceti	3.65	K o	1 41 27.939	+2.7873	—1192	—16 13 54.26	+18.068	+ 859
60	o Piscium	4.50	K o	1 42 25.960	+3.1682	+ 48	+ 8 52 35.99	+18.127	+ 54
61	ε Sculptoris	5.42	F o	1 43 1.391	+2.8100	+ 117	—25 19 54.39	+17.999	— 52
1050	[4 Arietis]	5.73	A o	1 45 8.362	+3.2539	+ 34	+16 40 38.90	+17.940	— 29
1051	[χ Ceti]	4.77	F o	1 46 49.969	+2.9466	— 103	—10 57 45.67	+17.814	— 90
1052	[2 Persei]	5.64	B 9	1 48 34.763	+3.8146	+ 12	+50 31 1.05	+17.812	— 23
62	ζ Ceti	3.92	K o	1 48 41.677	+2.9613	+ 25	—10 36 39.46	+17.797	— 33
64	α Trianguli	3.58	F 5	1 49 52.915	+3.4200	+ 8	+29 18 24.81	+17.551	— 231
63	ε Cassiopeiae	3.44	B 3	1 50 20.441	+4.3131	+ 40	+63 23 43.41	+17.746	— 17
65	ξ Piscium	4.84	K o	1 50 39.200	+3.1061	+ 14	+ 2 54 42.80	+17.779	+ 28
67	ψ Phoenicis	4.41	M 3	1 51 24.146	+2.4054	— 82	—46 34 34.62	+17.642	— 79
66	β Arietis	2.72	A 5	1 51 32.451	+3.3142	+ 68	+20 32 6.42	+17.607	— 108
1053	[φ Phoenicis]	5.00	B 9	1 52 2.620	+2.4888	— 38	—42 46 15.66	+17.676	— 18
69	[η² Hydri]	4.72	K o	1 53 30.790	+1.5202	+ 128	—67 55 20.20	+17.721	+ 87

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.s0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0."001
		m		h m s	s		° ' "	"	
68	χ Eridani	3.73	G 5	1 53 46.811	+2.3352	+ 734	−51 53 13.16	+17.924	+ 301
72	α Hydri	3.02	F 0	1 57 0.340	+1.8908	+ 375	−61 50 30.21	+17.526	+ 40
71	υ Ceti	4.18	M 0	1 57 21.943	+2.8266	+ 93	−21 20 54.21	+17.455	− 16
1054	[4 Persei]	4.99	B 8	1 58 33.345	+3.9940	+ 37	+54 13 4.54	+17.422	+ 3
70	50 Cassiopeiae	4.06	A 2	1 58 36.363	+5.1167	− 104	+72 9 6.21	+17.444	+ 28
73	γ Andromedae *pr*	2.28	K 0	2 0 27.087	+3.6827	+ 44	+42 3 43.36	+17.289	− 47
1055	[ν Fornacis]	4.74	A 0p	2 1 58.811	+2.6889	+ 4	−29 33 53.44	+17.279	+ 9
74	α Arietis	2.23	K 2	2 4 0.622	+3.3820	+ 138	+23 11 54.86	+17.035	− 144
75	β Trianguli	3.08	A 5	2 6 12.154	+3.5698	+ 119	+34 43 24.28	+17.040	− 38
1056	[15 Arietis]	5.92	M 0	2 7 31.005	+3.3257	+ 62	+19 14 13.68	+16.995	− 23
77	[Br 299 Andr]	5.40	K 0	2 9 51.972	+3.9897	+ 366	+50 48 24.69	+16.743	− 166
1057	[19 Arietis]	5.99	K 5	2 9 59.732	+3.2724	+ 66	+15 1 6.03	+16.886	− 17
1058	[ξ¹ Ceti]	4.54	G 5	2 10 1.665	+3.1800	− 16	+ 8 35 6.03	+16.899	− 2
76	55 Cassiopeiae	6.15	F 5 + A 2	2 10 3.445	+4.7049	− 23	+66 15 47.99	+16.899	0
78	μ Fornacis	5.24	A 0	2 10 26.515	+2.6421	+ 14	−30 59 8.57	+16.894	+ 12
1060	[135 G. Phoenicis]	5.86	K 0	2 12 15.929	+2.4271	− 27	−41 25 36.85	+16.770	− 26
1059	[21 Arietis]	5.64	F 5	2 12 31.744	+3.4039	− 66	+24 47 4.52	+16.705	− 78
79	[γ Trianguli]	4.07	A 0	2 13 58.598	+3.5665	+ 35	+33 35 21.58	+16.669	− 44
80	67 Ceti	5.70	G 5	2 14 11.293	+2.9927	+ 60	− 6 40 45.58	+16.598	− 105
82	[φ Eridani]	3.78	B 8	2 14 30.530	+2.1436	+ 98	−51 46 14.51	+16.672	− 16
1062	[21 G. Fornacis]	6.74	G 5	2 14 57.476	+2.5430	+ 139	−36 14 31.13	+16.726	+ 60
81	[ϑ Arietis]	5.69	A 0	2 15 0.299	+3.3373	− 9	+19 38 35.20	+16.666	+ 3
1061	[232 G. Ceti]	5.82	F 8	2 15 6.678	+3.1168	+ 243	+ 1 29 38.51	+17.040	+ 381
1063	[62 Andromedae]	5.12	A 0	2 15 39.231	+3.8706	− 57	+47 7 22.10	+16.630	− 2
1064	[239 G. Ceti]	5.99	K 0	2 19 26.607	+2.8274	+ 12	−17 54 57.99	+16.394	− 51
83	[κ Fornacis]	5.37	F 5	2 19 58.778	+2.7455	+ 147	−24 4 11.83	+16.363	− 55
1065	[δ Hydri]	4.26	A 2	2 20 44.793	+1.0685	− 80	−68 54 49.92	+16.394	+ 13
1067	[κ Hydri]	6.00	K 0	2 22 31.211	+0.3581	− 187	−73 53 57.70	+16.302	+ 11
1066	[ρ Ceti]	4.90	A 0	2 23 14.563	+2.8981	− 12	−12 32 31.60	+16.250	− 3
84	[λ Horologii]	5.47	F 2	2 23 19.856	+1.6775	− 95	−60 33 43.46	+16.124	− 125
1068	[12 Trianguli]	5.38	F 0	2 24 52.532	+3.5170	− 15	+29 25 13.75	+16.086	− 83
86	[κ Eridani]	4.44	B 5	2 24 55.955	+2.1994	+ 21	−47 57 16.05	+16.165	− 1
85	ξ² Ceti	4.34	A 0	2 25 10.649	+3.1898	+ 25	+ 8 12 36.34	+16.150	− 2
1069	[27 Arietis]	6.41	G 5	2 27 47.699	+3.3280	+ 22	+17 27 26.05	+15.936	− 81
1070	[14 Trianguli]	5.35	K 0	2 28 40.561	+3.6614	+ 37	+35 54 0.40	+15.988	+ 19
1071	[σ Ceti]	4.82	F 5	2 29 25.886	+2.8432	− 52	−15 29 22.33	+15.813	− 117
88	[λ¹ Fornacis]	5.88	K 0	2 30 46.876	+2.5014	− 19	−34 53 43.76	+15.842	− 17
87	36 H. Cassiop.	5.34	K 0	2 32 39.495	+5.6969	− 80	+72 34 30.95	+15.779	+ 23
90	μ Hydri	5.29	K 0	2 32 48.519	−1.2758	+ 459	−79 21 14.20	+15.715	− 36
1072	[ν Ceti]	5.04	G 5	2 32 55.897	+3.1485	− 21	+ 5 20 59.65	+15.721	− 21

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0ˢ.0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0″.001
		m		h m s	s		° ′ ″	″	
1073	[268 G. Ceti]	5.92	K 0	2 33 0.362	+3.2902	+1210	+ 6 37 14.70	+17.202	+1463
1074	[80 Ceti]	5.71	K 5	2 33 14.510	+2.9532	— 25	— 8 4 27.09	+15.670	— 55
89	ν Arietis	5.36	A 2	2 35 37.816	+3.4067	— 9	+21 43 13.49	+15.582	— 13
91	δ Ceti	4.04	B 2	2 36 36.533	+3.0752	+ 7	+ 0 5 16.90	+15.544	+ 3
1075	[ι Eridani]	4.06	K 0	2 38 27.406	+2.3674	+ 115	—40 5 39.20	+15.414	— 25
95	[ε Hydri]	4.26	B 9	2 38 43.260	+0.9237	+ 171	—68 30 23.20	+15.441	+ 16
1076	[ζ Horologii]	5.26	F 2	2 38 55.040	+1.8678	+ 48	—54 47 20.43	+15.424	+ 10
92	[Br 366 Cass]	5.84	A 2	2 39 58.533	+5.1586	+ 23	+67 35 18.48	+15.324	— 29
94	[35 Arietis]	4.58	B 3	2 40 9.522	+3.5207	+ 5	+27 28 12.41	+15.338	— 5
93	ϑ Persei	4.22	F 8	2 40 21.690	+4.0975	+ 344	+48 59 34.98	+15.248	— 83
1077	[14 Persei]	5.58	G 5	2 40 25.663	+3.9067	+ 3	+44 3 37.07	+15.322	— 6
97	π Ceti	4.39	B 5	2 41 27.340	+2.8553	— 6	—14 5 41.59	+15.260	— 11
1078	[43 G. Fornacis]	6.87	G 0	2 41 45.203	+2.6678	+ 123	—25 43 56.21	+15.315	+ 61
98	μ Ceti	4.36	F 0	2 41 54.638	+3.2432	+ 190	+ 9 52 43.74	+15.214	— 30
99	[η Persei]	3.95	K 0	2 46 35.662	+4.3757	+ 22	+55 39 52.79	+14.964	— 10
100	41 Arietis	3.68	B 8	2 46 40.842	+3.5314	+ 49	+27 1 51.38	+14.857	— 113
101	β Fornacis	4.50	K 0	2 46 44.778	+2.5112	+ 72	—32 38 24.55	+15.130	+ 163
1079	[σ Arietis]	5.46	B 5	2 48 23.774	+3.3130	+ 22	+14 51 8.96	+14.847	— 23
102	τ² Eridani	4.81	K 0	2 48 29.825	+2.7213	— 36	—21 14 2.05	+14.846	— 18
103	τ Persei	4.06	G 0 + A 5	2 50 16.337	+4.2532	+ 3	+52 32 5.37	+14.757	— 2
104	η Eridani	4.05	K 0	2 53 41.373	+2.9311	+ 53	— 9 7 11.74	+14.342	— 214
1080	[40 G. Eridani]	5.27	A 2	2 53 48.834	+3.0077	— 23	— 3 56 12.11	+14.507	— 41
1081	[47 Arietis]	5.85	F 0	2 54 52.558	+3.4340	+ 165	+20 26 43.30	+14.456	— 28
1082	[24 Persei]	4.97	K 0	2 55 34.972	+3.7168	— 42	+34 57 36.18	+14.451	+ 10
106	ϑ Eridani *pr*	3.42	A 2	2 56 8.222	+2.2745	— 46	—40 31 41.46	+14.435	+ 26
1083	[λ Ceti]	4.69	B 5	2 56 42.567	+3.2156	+ 1	+ 8 41 7.33	+14.363	— 10
105	47 H. Cephei	5.72	M 0	2 58 33.202	+7.9835	— 138	+79 12 0.86	+14.269	+ 11
107	α Ceti	2.82	M 0	2 59 20.932	+3.1363	— 6	+ 3 52 16.40	+14.138	— 73
1084	[—18° 516 Erid.]	7.40	F 0	2 59 28.082	+2.7574	— 17	—18 25 36.80	+14.182	— 22
1085	[τ³ Eridani]	4.16	A 3	2 59 55.307	+2.6453	— 105	—23 50 34.68	+14.129	— 47
108	γ Persei	3.08	F 5 + A 3	3 0 43.516	+4.3447	+ 1	+53 17 19.60	+14.123	— 2
1086	[58 G. Eridani]	5.66	K 0	3 1 0.919	+2.0504	+ 18	—47 11 37.10	+14.122	+ 14
109	ρ Persei	3.2—4.1	M 3	3 1 34.724	+3.8445	+ 111	+38 37 29.01	+13.968	— 104
113	[ϑ Hydri]	5.52	B 8	3 2 7.547	+0.1239	+ 65	—72 7 15.86	+14.063	+ 23
110	μ Horologii	5.16	F 0	3 2 17.429	+1.4134	— 101	—59 57 15.48	+13.977	— 52
111	β Persei	2.2—3.5	B 8	3 4 30.941	+3.9037	+ 6	+40 44 29.19	+13.891	+ 3
1087	[63 G. Eridani]	7.16	G 0	3 4 39.852	+2.8339	+ 6	—13 58 20.45	+13.627	— 253
112	[ι Persei]	4.17	G 0	3 5 0.728	+4.3293	+1297	+49 24 4.11	+13.781	— 76
1088	[55 Arietis]	5.60	B 9	3 6 14.176	+3.6095	+ 15	+28 51 52.54	+13.770	— 10
114	δ Arietis	4.53	K 0	3 8 25.296	+3.4309	+ 107	+19 30 58.55	+13.636	— 5

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.s0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0."001
		m		h m s	s		° ′ ″	″	
116	[94 Ceti]	5.14	F 8	3 9 54.786	+3.0622	+ 131	− 1 24 15.53	+13.486	− 59
118	[38 G. Horologii]	5.72	N 0	3 11 7.814	+1.5191	+ 11	−57 31 50.08	+13.484	+ 17
1089	[ζ Arietis]	4.95	A 0	3 11 40.627	+3.4488	− 19	+20 50 17.74	+13.359	− 72
1090	79 G. Fornacis	6.85	G 0	3 12 27.881	+2.3590	+ 24	−35 45 54.25	+13.392	+ 12
1091	[ζ Eridani]	4.90	A 3	3 13 6.658	+2.9144	− 4	− 9 1 35.68	+13.389	+ 51
115	48 H. Cephei	5.50	F 0	3 13 8.244	+7.6056	+ 196	+77 31 55.13	+13.277	− 55
1092	[Lac 1044 Forn]	6.89	A 0	3 14 37.338	+2.4585	+ 14	−31 33 23.25	+13.219	− 19
1093	[κ Ceti]	4.96	G 5	3 16 25.243	+3.1469	+ 178	+ 3 9 58.01	+13.218	+ 99
1095	[ι Hydri]	5.53	F 2	3 17 18.776	−1.4991	+ 337	−77 35 36.25	+13.130	+ 67
119	[82 G. Eridani]	4.30	G 5	3 17 41.467	+2.3959	+2786	−43 16 58.18	+13.790	+ 754
1094	[τ Arietis]	5.17	B 3	3 17 59.315	+3.4640	+ 19	+20 56 47.54	+12.990	− 25
1096	[Pi 3h27 Caml]	5.55	K 2	3 19 47.290	+5.2059	− 13	+64 23 16.72	+12.899	+ 4
120	α Persei	1.90	F 5	3 20 18.747	+4.2832	+ 30	+49 39 49.06	+12.838	− 22
121	o Tauri	3.80	G 5	3 21 47.750	+3.2288	− 45	+ 8 49 59.35	+12.690	− 71
123	[ξ Tauri]	3.75	B 8	3 24 7.816	+3.2517	+ 39	+ 9 32 19.93	+12.571	− 32
122	2 H.Camelopard.	4.44	B 9 p	3 24 30.894	+4.8570	− 2	+59 44 49.72	+12.575	0
124	[σ Persei]	4.55	K 0	3 26 36.900	+4.2300	+ 8	+47 48 13.25	+12.457	+ 24
125	5 Tauri	4.28	K 0	3 27 46.634	+3.3127	+ 15	+12 44 46.22	+12.356	+ 3
1097	[17 Eridani]	4.80	B 9	3 27 50.172	+2.9770	+ 8	− 5 15 57.15	+12.362	+ 13
126	[κ Reticuli]	4.80	F 5	3 28 23.619	+1.0468	+ 549	−63 8 3.85	+12.693	+ 381
1098	[+34° 674 Pers]	5.80	B 3	3 29 5.610	+3.8201	− 7	+35 16 22.39	+12.266	+ 4
127	ε Eridani	3.81	K 0	3 30 17.396	+2.8268	− 660	− 9 38 47.90	+12.200	+ 20
128	[45 G. Horologii]	5.60	K 0	3 30 54.367	+1.7877	+ 75	−50 34 4.41	+12.225	+ 87
1099	[τ5 Eridani]	4.32	B 8	3 31 18.753	+2.6499	+ 30	−21 49 10.52	+12.083	− 25
1100	[20 Eridani]	5.32	A 0 p	3 33 44.196	+2.7334	+ 17	−17 39 4.65	+11.934	− 5
1101	[10 Tauri]	4.40	G 5	3 34 0.727	+3.0619	− 155	+ 0 13 30.95	+11.439	− 481
130	[110 G. Eridani]	4.58	K 0	3 35 4.990	+2.1527	− 13	−40 27 26.53	+11.822	− 23
1102	[τ Fornacis]	6.08	A 0	3 36 27.790	+2.4958	+ 13	−28 7 29.90	+11.773	+ 27
129	[Grb 716 Caml]	5.32	M 0	3 37 16.428	+5.2044	− 27	+63 2 14.60	+11.704	+ 17
1103	[11 Tauri]	6.15	A 0	3 37 25.280	+3.5839	+ 8	+25 8 59.78	+11.668	− 10
131	δ Persei	3.10	B 5	3 38 55.614	+4.2716	+ 31	+47 36 37.18	+11.538	− 32
133	[δ Fornacis]	4.93	B 5	3 40 1.162	+2.3861	0	−32 6 58.26	+11.512	+ 19
135	[δ Eridani]	3.72	K 0	3 40 33.802	+2.8745	− 63	− 9 57 6.25	+12.200	+ 746
134	ν Persei	3.93	F 5	3 41 22.833	+4.0763	− 8	+42 24 12.31	+11.394	0
136	[17 Tauri]	3.81	B 5 p	3 41 32.680	+3.5629	+ 15	+23 56 19.84	+11.342	− 41
137	[24 Eridani]	5.09	B 8	3 41 39.662	+3.0475	0	− 1 20 18.30	+11.372	− 3
1104	[29 Tauri]	5.36	B 3	3 42 41.701	+3.1880	+ 12	+ 5 52 33.90	+11.296	− 5
141	β Reticuli	3.80	K 0	3 43 29.400	+0.7512	+ 481	−64 58 57.88	+11.327	+ 83
139	η Tauri	2.96	B 5 p	3 44 9.024	+3.5666	+ 15	+23 56 0.67	+11.151	− 44
138	γ Camelopard.	4.67	A 0	3 44 24.589	+6.3287	+ 38	+71 9 44.88	+11.135	− 38

Mittlere Sternörter 1944.0

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0ˢ.0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0″.001
		m		h m s	s		° ′ ″	″	
140	τ⁶ Eridani	4.33	F 8	3 44 26.231	+2.5813	− 116	−23 24 50.33	+10.651	− 524
142	[27 Tauri]	3.80	B 8	3 45 49.624	+3.5677	+ 13	+23 53 1.51	+11.030	− 43
143	138 G. Eridani	4.24	K 0	3 47 21.418	+2.2451	− 43	−36 22 7.49	+10.918	− 43
146	γ Hydri	3.17	M 0	3 48 5.057	−0.9311	+ 130	−74 24 39.59	+11.030	+ 120
1105	+57° 752 Caml	5.79	A 0	3 49 9.547	+4.8702	+ 106	+57 48 38.61	+10.730	− 98
1106	[Pi 3ʰ 187 Taur]	5.96	F 0	3 49 57.628	+3.4312	+ 100	+17 9 42.47	+10.743	− 27
1107	[145 G. Eridani]	6.55	B 9	3 50 23.627	+2.9382	− 5	− 6 47 57.10	+10.739	+ 1
144	ζ Persei	2.91	B 1	3 50 36.337	+3.7716	+ 7	+31 43 8.31	+10.712	− 10
1108	[55 G. Horologii]	5.77	K 0	3 51 49.117	+1.8590	+ 29	−47 3 26.91	+10.604	− 30
147	ε Persei	2.96	B 1	3 54 5.283	+4.0262	+ 18	+39 50 59.89	+10.437	− 26
148	ξ Persei	4.05	O e 5	3 55 19.471	+3.8932	+ 4	+35 37 54.26	+10.370	− 1
149	γ Eridani	3.19	K 5	3 55 24.888	+2.7995	+ 44	−13 39 59.61	+10.257	− 108
1109	[17 G. Reticuli]	6.14	F 2	3 57 30.565	+1.2881	+ 33	−57 15 38.23	+10.225	+ 16
150	λ Tauri	3.8–4.1	B 3	3 57 34.437	+3.3243	− 4	+12 20 0.89	+10.192	− 11
1110	[δ Reticuli]	4.41	M 0	3 57 51.239	+0.9492	+ 8	−61 33 28.47	+10.170	− 13
1111	[35 Eridani]	5.25	B 5	3 58 41.600	+3.0403	+ 14	− 1 42 18.67	+10.106	− 12
151	ν Tauri	3.94	A 0	4 0 10.433	+3.1916	+ 1	+ 5 50 7.52	+10.007	+ 1
1114	[63 G. Hydri]	6.72	A 0	4 1 2.596	−0.3530	+ 57	−71 19 20.05	+ 9.983	+ 41
1112	[37 Tauri]	4.50	K 0	4 1 22.783	+3.5474	+ 66	+21 55 49.98	+ 9.860	− 54
1113	[λ Persei]	4.33	A 0	4 2 24.094	+4.4696	− 10	+50 12 4.54	+ 9.801	− 36
153	174 G. Eridani	5.57	A 5	4 3 18.861	+2.4732	+ 153	−27 48 13.84	+ 9.873	+ 105
152	48 Persei	4.03	B 3 p	4 4 35.178	+4.3558	+ 24	+47 33 54.03	+ 9.642	− 27
1115	[43 Tauri]	5.67	G 5	4 5 53.956	+3.4957	+ 76	+19 27 45.98	+ 9.540	− 29
1116	[44 Tauri]	5.55	F 0	4 7 24.927	+3.6543	− 22	+26 20 11.30	+ 9.417	− 36
154	o¹ Eridani	4.14	F 2	4 9 7.773	+2.9289	+ 6	− 6 58 56.00	+ 9.406	+ 86
1117	[μ Persei]	4.28	G 0	4 10 46.572	+4.4052	+ 8	+48 16 8.61	+ 9.174	− 18
155	α Horologii	3.83	K 0	4 12 8.638	+1.9877	+ 32	−42 25 53.32	+ 8.883	− 204
1118	[μ Tauri]	4.32	B 3	4 12 29.409	+3.2582	+ 15	+ 8 45 13.01	+ 9.040	− 19
156	α Reticuli	3.36	G 5	4 13 41.886	+0.7726	+ 61	−62 36 48.97	+ 9.019	+ 53
157	[γ Doradus]	4.36	F 5	4 14 33.406	+1.5719	+ 107	−51 37 37.33	+ 9.091	+ 192
159	[γ Tauri]	3.86	K 0	4 16 36.167	+3.4147	+ 81	+15 29 38.39	+ 8.714	− 23
158	[54 Persei]	5.10	G 5	4 16 46.091	+3.8959	− 20	+34 25 59.94	+ 8.717	− 6
1119	[208 G. Eridani]	6.65	B 9	4 17 36.864	+2.7163	+ 16	−16 34 12.82	+ 8.654	− 4
161	[212 G. Eridani]	5.31	A 0	4 18 12.347	+2.6175	+ 19	−20 46 19.15	+ 8.602	− 8
162	δ Tauri	3.93	K 0	4 19 42.088	+3.4604	+ 76	+17 24 46.08	+ 8.465	− 27
1120	[ξ Eridani]	5.23	A 2	4 20 53.381	+2.9875	− 36	− 3 52 24.85	+ 8.343	− 55
163	[η Reticuli]	5.18	K 0	4 21 16.663	+0.6488	+ 128	−63 31 8.29	+ 8.543	+ 175
166	[δ Mensae]	5.62	K 0 p	4 21 42.707	−4.0571	+ 128	−80 20 48.97	+ 8.406	+ 69
1121	[43 Eridani]	4.06	K 5	4 21 55.869	+2.2533	+ 46	−34 8 44.75	+ 8.370	+ 54
1122	[+69° 258 Caml]	7.02	K 0	4 23 57.500	+6.2980	+ 16	+69 15 20.64	+ 8.121	− 30

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.s0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0."001
		m		h m s	s		° ' "	"	
164	ε Tauri	3.63	K 0	4 25 20.565	+3.5037	+ 77	+19 3 28.44	+8.008	− 34
1123	[Br 615 Taur]	5.50	B 8	4 25 38.267	+3.1010	+ 9	+ 1 15 29.16	+7.999	− 20
165	[1 Camelop. sq]	5.86	B 1	4 27 35.041	+4.7520	0	+53 47 28.91	+7.861	− 1
167	[δ Caeli]	5.16	B 3	4 29 7.080	+1.8377	+ 1	−45 4 22.84	+7.742	+ 2
1124	[57 Persei]	6.07	F 0	4 29 28.062	+4.2218	+ 6	+42 56 46.72	+7.714	+ 4
1125	[ρ Tauri]	4.75	A 5	4 30 40.005	+3.4049	+ 68	+14 43 41.99	+7.591	− 23
168	α Tauri	1.06	K 5	4 32 42.245	+3.4429	+ 47	+16 23 54.01	+7.261	−188
171	α Doradus	3.47	A op	4 32 47.004	+1.2966	+ 57	−55 9 36.19	+7.448	+ 5
170	[υ^2 Eridani]	3.88	K 0	4 33 22.306	+2.3326	− 39	−30 40 33.14	+7.385	− 10
169	ν Eridani	4.12	B 2	4 33 31.116	+2.9981	+ 2	− 3 27 55.82	+7.381	− 2
172	53 Eridani	3.98	K 0	4 35 36.851	+2.7480	− 48	−14 24 43.88	+7.052	−161
1127	[258 G. Eridani]	5.59	K 0	4 37 46.985	+2.4961	− 45	−24 35 26.51	+7.053	+ 18
1126	[Pi 4^h 148 Taur]	5.68	A 0	4 37 49.180	+3.7556	+ 28	+28 30 29.70	+7.000	− 32
1129	[α Caeli]	4.52	F 2	4 38 45.309	+1.9323	−138	−41 58 11.08	+6.879	− 77
174	τ Tauri	4.33	B 5	4 38 52.796	+3.6013	− 1	+22 51 4.51	+6.930	− 15
1128	[Grb 866 Pers]	5.77	B 8	4 39 5.711	+4.5604	− 2	+49 52 8.23	+6.907	− 19
1130	[β Caeli]	5.08	F 5	4 40 4.526	+2.1212	+ 30	−37 15 9.46	+7.046	−199
173	Grb 848 Caml	6.04	F 0	4 41 15.611	+8.0721	+104	+75 50 35.28	+6.611	−134
1131	[56 Eridani]	5.87	B 5	4 41 23.730	+2.8824	− 3	− 8 36 24.24	+6.738	0
176	[μ Eridani]	4.18	B 5	4 42 41.996	+3.0001	+ 9	− 3 21 20.94	+6.621	− 10
175	4 Camelopard.	5.35	A 2	4 43 19.735	+4.9983	+ 65	+56 39 36.63	+6.432	−145
177	[μ Mensae]	5.69	B 9	4 43 36.852	−0.5988	+ 20	−71 2 2.39	+6.591	+ 34
1132	[268 G. Eridani]	5.97	A 2	4 44 11.515	+2.3960	+ 1	−28 11 15.32	+6.524	+ 16
1133	[Br 658 Pers]	5.10	K 2	4 46 8.151	+4.0389	− 30	+37 23 28.94	+6.385	+ 39
1134	[π^3 Orionis]	3.31	F 8	4 46 47.854	+3.2571	+312	+ 6 51 54.55	+6.310	+ 19
1135	[97 Tauri]	5.12	F 0	4 48 5.689	+3.5102	+ 57	+18 44 46.55	+6.149	− 34
179	[π^4 Orionis]	3.78	B 3	4 48 13.250	+3.1957	− 2	+ 5 30 39.38	+6.176	+ 3
178	α Camelopard.	4.38	B 0	4 48 28.011	+5.9637	+ 3	+66 15 1.92	+6.160	+ 9
1136	[o^1 Orionis]	5.19	M 0	4 49 21.683	+3.3941	− 3	+14 9 32.21	+6.022	− 56
180	π^5 Orionis	3.87	B 3	4 51 19.907	+3.1253	− 3	+ 2 21 1.93	+5.917	+ 3
181	ι Aurigae	2.90	K 2	4 53 20.540	+3.9074	+ 3	+33 4 45.66	+5.727	− 18
1138	[η Mensae]	5.28	K 0	4 56 46.865	−1.7256	+ 71	−75 1 25.83	+5.519	+ 59
183	ε Aurigae	3.1–3.8	F 5p	4 57 56.704	+4.3058	+ 4	+43 44 33.26	+5.352	− 6
182	β Camelopard.	4.22	G 0p	4 58 25.578	+5.3370	− 6	+60 21 46.93	+5.302	− 14
1137	[ζ Aurigae]	*4.9-5.6*	K 0 + B 1	4 58 33.518	+4.1941	+ 10	+40 59 46.20	+5.285	− 22
184	ι Tauri	4.70	A 5	4 59 44.703	+3.5865	+ 47	+21 30 42.37	+5.166	− 40
1139	[26 G. Caeli]	6.00	K 0	5 0 15.550	+2.2703	− 8	−31 51 5.96	+5.247	+ 83
1140	[11 Orionis]	4.65	B 9	5 1 21.976	+3.4286	+ 11	+15 19 40.00	+5.036	− 34
185	η Aurigae	3.28	B 3	5 2 34.964	+4.2076	+ 27	+41 9 39.14	+4.900	− 66
186	ε Leporis	3.29	K 5	5 3 5.338	+2.5400	+ 18	−22 26 41.83	+4.855	− 69

Mittlere Sternörter 1944.0

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0ˢ.0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0″.001
		m		h m s	s		° ′ ″	″	
187	[η^2 Pictoris]	4.92	K 5	5 3 30.786	+1.5532	+ 55	−49 39 10.65	+4.889	0
189	[ζ Doradus]	4.76	F 8	5 4 32.830	+1.0279	− 52	−57 32 55.09	+4.920	+118
188	β Eridani	2.92	A 3	5 5 5.677	+2.9496	− 64	− 5 9 26.36	+4.676	− 77
1143	[13 G. Pictoris]	7.10	A 0	5 5 46.266	+1.7815	+ 25	−44 53 37.75	+4.722	+ 25
1141	[+27°732 Taur *pr*]	5.97	A 3	5 6 13.920	+3.7674	+ 43	+27 57 40.16	+4.591	− 66
1142	[16 Orionis]	5.42	A 2	5 6 14.639	+3.3008	+ 41	+ 9 45 33.41	+4.653	− 3
190	[λ Eridani]	4.34	B 2	5 6 27.876	+2.8715	+ 1	− 8 49 28.03	+4.635	− 3
192	μ Aurigae	4.78	A 3	5 9 35.513	+4.1058	− 17	+38 25 12.52	+4.292	− 78
1144	[μ Leporis]	3.30	A 0p	5 10 24.857	+2.6951	+ 28	−16 16 13.65	+4.273	− 28
194	β Orionis	0.34	B 8p	5 11 50.701	+2.8835	+ 2	− 8 15 53.62	+4.178	− 1
193	α Aurigae	0.21	G 0	5 12 32.877	+4.4328	+ 81	+45 56 36.01	+3.695	−423
191	19 H. Camelop.	5.24	F 8	5 13 17.249	+9.8861	−292	+79 10 18.27	+4.208	+159
196	ϑ Doradus	4.78	K 0	5 13 47.617	−0.0475	+ 10	−67 14 54.20	+4.049	+ 35
195	[τ Orionis]	3.68	B 5	5 14 53.126	+2.9134	− 11	− 6 54 12.46	+3.910	− 8
1145	[λ Aurigae]	4.85	G 0	5 15 11.890	+4.2209	+458	+40 3 5.15	+3.228	−662
197	[o Columbae]	4.91	K 0	5 15 27.802	+2.1638	+ 69	−34 56 56.11	+3.531	−338
1146	[λ Leporis]	4.29	B 1	5 16 59.619	+2.7643	− 2	−13 13 59.51	+3.735	− 2
198	[12 G. Columbae]	5.75	A 0	5 17 9.700	+2.3924	+ 5	−27 25 30.56	+3.719	− 4
199	[ζ Pictoris]	5.52	F 8	5 17 59.526	+1.4709	+ 10	−50 39 55.32	+3.886	+234
1147	[22 Orionis]	4.65	B 3	5 18 54.096	+3.0630	− 2	− 0 26 10.41	+3.572	− 1
201	γ Orionis	1.70	B 2	5 22 7.529	+3.2181	− 6	+ 6 18 1.98	+3.280	− 15
202	β Tauri	1.78	B 8	5 22 44.958	+3.7930	+ 20	+28 33 43.40	+3.065	−175
1148	[115 Tauri]	5.31	B 3	5 23 53.934	+3.5002	+ 4	+17 54 56.83	+3.118	− 24
203	17 Camelopard.	5.75	K 5	5 24 52.402	+5.6669	− 7	+63 1 23.99	+3.054	− 2
1149	[18 G. Columbae]	5.85	A 2	5 25 17.329	+1.9245	− 8	−40 59 27.47	+3.117	+95
204	[β Leporis]	2.96	G 0	5 25 50.683	+2.5712	+ 1	−20 48 10.21	+2.883	− 91
1150	[18 Camelopard.]	6.46	G 0	5 27 45.716	+5.1395	+146	+57 11 3.05	+2.589	−218
1152	[20 G. Pictoris]	5.54	G 5	5 28 36.974	+1.6493	+ 14	−47 7 1.31	+2.608	−127
1151	[χ Aurigae]	4.88	B 1	5 29 4.812	+3.9055	0	+32 9 9.42	+2.690	− 3
206	δ Orionis	2.48	B 0	5 29 8.630	+3.0653	0	− 0 20 20.35	+2.689	+ 1
207	α Leporis	2.69	F 0	5 30 15.530	+2.6464	+ 2	−17 51 39.58	+2.596	+ 4
208	[φ^1 Orionis]	4.53	B 0	5 31 44.651	+3.2939	− 1	+ 9 27 11.98	+2.460	− 2
205	Grb 966 Caml	6.36	K 5	5 32 13.364	+8.0254	− 20	+75 0 39.07	+2.443	+ 26
209	ι Orionis	2.89	O e 5	5 32 41.527	+2.9351	+ 1	− 5 56 42.32	+2.385	+ 4
212	β Doradus	*4.2-5.7*	F 5v	5 33 8.151	+0.5201	− 11	−62 31 34.21	+2.352	+ 9
210	ε Orionis	1.75	B 0	5 33 22.212	+3.0445	0	− 1 14 9.99	+2.322	+ 1
214	[γ Mensae]	5.06	K 0	5 34 5.453	−2.3763	+307	−76 22 55.24	+2.557	+294
211	ζ Tauri	3.00	B 3p	5 34 17.748	+3.5859	+ 1	+21 6 36.68	+2.218	− 22
1153	[35 G. Columbae]	6.75	K 2	5 35 53.089	+2.3898	+ 8	−27 14 31.48	+2.094	− 9
215	α Columbae	2.75	B 5p	5 37 37.174	+2.1729	+ 2	−34 6 10.13	+1.927	− 26

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.s0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.″001
		m		h m s	s		° ′ ″	″	
216	o Aurigae	5.52	A 0	5 41 33.541	+4.6485	— 10	+49 48 14.88	+1.605	— 3
217	[γ Leporis]	3.80	F 8	5 42 7.663	+2.5018	—206	—22 27 55.30	+1.189	—371
218	[130 Tauri]	5.51	F 0	5 44 10.162	+3.4984	— 4	+17 42 35.50	+1.373	— 8
219	ζ Leporis	3.67	A 2	5 44 24.994	+2.7187	— 12	—14 50 29.41	+1.355	— 5
1154	[δ Doradus]	4.52	A 5	5 44 40.260	+0.1076	— 51	—65 45 23.27	+1.346	+ 7
220	ϰ Orionis	2.20	B 0	5 45 5.953	+2.8457	+ 2	— 9 41 17.16	+1.296	— 4
1155	[142 G. Orionis]	5.95	G 5	5 45 47.876	+2.9810	+ 37	— 4 6 29.95	+1.037	—202
221	[ν Aurigae]	4.18	K 0	5 47 36.388	+4.1582	— 5	+39 8 3.06	+1.087	+ 7
1156	[γ Pictoris]	4.38	K 0	5 48 48.452	+1.0894	+ 84	—56 10 47.74	+0.915	— 63
222	[δ Leporis]	3.90	K 0	5 48 54.729	+2.5807	+167	—20 52 57.06	+0.319	—649
223	[β Columbae]	3.22	K 0	5 48 59.029	+2.1149	+ 39	—35 47 17.70	+1.366	+404
1159	[37 G. Pictoris]	4.98	K 0	5 49 37.132	+1.3577	+ 5	—52 7 15.70	+0.827	— 79
1158	[136 Tauri]	4.54	A 0	5 49 48.360	+3.7715	+ 4	+27 36 3.29	+0.874	— 14
1157	[ξ Aurigae]	4.92	A 2	5 50 9.026	+5.0283	— 17	+55 41 47.36	+0.878	+ 20
224	α Orionis	0.1—1.2	M 0	5 52 8.331	+3.2484	+ 19	+ 7 23 53.89	+0.696	+ 11
226	[η Leporis]	3.77	F 0	5 53 51.173	+2.7329	— 29	—14 10 35.61	+0.673	+138
225	δ Aurigae	3.88	K 0	5 54 54.878	+4.9407	+ 97	+54 16 58.37	+0.314	—127
227	β Aurigae	2.07	A 0p	5 55 25.179	+4.4015	— 50	+44 56 38.34	+0.395	— 3
1160	[γ Columbae]	4.36	B 3	5 55 33.007	+2.1275	— 2	—35 17 17.41	+0.397	+ 9
1161	[60 Orionis]	5.25	A 0	5 55 56.722	+3.0850	— 10	+ 0 32 57.64	+0.353	+ 1
1162	+33° 1209 Auri	6.80	A 2	5 56 33.408	+3.9444	— 9	+33 8 5.34	+0.305	+ 6
229	η Columbae	4.03	K 0	5 57 25.856	+1.8364	+ 13	—42 49 2.59	+0.206	— 17
1163	[1 Geminorum]	4.30	G 5	6 0 42.896	+3.6474	— 4	+23 16 5.46	—0.169	—104
230	[66 Orionis]	5.70	K 0	6 2 0.732	+3.1700	— 4	+ 4 9 48.30	—0.185	— 7
231	[1 G. Puppis]	6.22	F 8	6 2 51.611	+1.7266	— 88	—45 2 7.49	—0.005	+247
1164	[74 G. Columbae]	5.72	A 0	6 3 56.083	+2.3101	+ 6	—29 45 4.22	—0.386	— 40
232	ν Orionis	4.40	B 2	6 4 22.398	+3.4259	+ 3	+14 46 36.74	—0.408	— 23
1165	[94 G. Leporis]	5.46	A 0	6 6 36.569	+2.5231	+ 9	—22 24 58.03	—0.616	— 36
233	[36 Camelopard.]	5.39	K 0	6 7 13.067	+6.0368	+ 12	+65 43 57.57	—0.664	— 29
1166	[ν Doradus]	5.21	B 9	6 9 5.865	—0.3843	— 95	—68 49 53.48	—0.773	+ 22
235	[δ Pictoris]	4.84	B 1	6 9 12.358	+1.1676	— 19	—54 57 19.47	—0.793	+ 13
1168	ϰ Aurigae	4.45	K 0	6 11 48.541	+3.8233	— 55	+29 31 14.16	—1.300	—265
1167	[Br 904 Auri *sq*]	6.42	F 0	6 11 52.552	+4.0433	— 53	+36 10 2.58	—1.033	+ 8
239	[α Mensae]	5.14	K 0	6 11 54.685	—1.7858	+305	—74 44 5.16	—1.255	—215
234	22 H. Camelop.	4.73	A 0	6 12 40.696	+6.6126	+ 8	+69 20 34.66	—1.216	—103
1169	[74 Orionis]	5.11	F 5	6 13 17.879	+3.3692	+ 54	+12 17 22.04	—0.979	+186
238	[ϰ Columbae]	4.51	K 0	6 14 33.460	+2.1339	— 14	—35 7 14.78	—1.190	+ 84
237	[2 Lyncis]	4.42	A 0	6 14 40.959	+5.2942	— 12	+59 2 1.74	—1.267	+ 20
1170	[7 Monocerotis]	5.13	B 3	6 17 0.872	+2.8903	— 4	— 7 47 52.69	—1.488	+ 1
240	ζ Canis maj.	3.10	B 3	6 18 9.725	+2.3034	+ 5	—30 2 14.20	—1.584	+ 5

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.s0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0."001
		m		h m s	s		° ′ ″	″	
241	μ Geminorum	3.19	M o	6 19 34.321	+ 3.6298	+ 40	+22 32 38.95	−1.825	− 112
243	β Canis maj.	1.99	B 1	6 20 13.947	+ 2.6422	− 4	−17 55 36.59	−1.773	− 4
242	ψ¹ Aurigae	5.10	K 2	6 20 35.156	+ 4.6214	+ 1	+49 19 7.64	−1.806	− 4
244	8 ε Monocerotis	4.48	A 5	6 20 47.982	+ 3.1795	− 12	+ 4 37 22.58	−1.808	+ 11
1171	[23 G. Canis maj.]	5.39	K o	6 21 33.532	+ 2.7990	− 35	−11 29 54.93	−1.925	− 40
1172	[Grb 1156 Auri]	7.14	G 5	6 22 22.513	+ 4.2703	0	+41 59 33.41	−1.968	− 11
245	α Carinae	−0.86	F o	6 22 42.475	+ 1.3324	+ 24	−52 39 51.47	−1.958	+ 25
246	10 Monocerotis	4.98	B 3	6 25 11.572	+ 2.9627	− 6	− 4 43 33.56	−2.197	+ 4
1173	[ν Geminorum]	4.06	B 5	6 25 38.253	+ 3.5626	− 4	+20 14 57.60	−2.258	− 18
1174	[13 Monocerotis]	4.50	A o p	6 29 52.498	+ 3.2445	− 2	+ 7 22 32.13	−2.615	− 7
1175	[56 G. Monocer.]	5.02	B 3	6 30 47.273	+ 3.0451	− 9	− 1 10 34.45	−2.711	− 24
247	8 Lyncis	6.05	G o	6 32 34.577	+ 5.4837	−289	+61 31 59.19	−3.122	− 279
249	ξ² Canis maj.	4.54	A o	6 32 42.478	+ 2.5145	+ 6	−22 55 9.00	−2.839	+ 14
251	γ Geminorum	1.93	A o	6 34 28.605	+ 3.4662	+ 30	+16 26 55.68	−3.050	− 44
250	51 Aurigae	5.71	K o	6 34 46.741	+ 4.1575	− 22	+39 26 31.98	−3.148	− 115
252	ν Puppis	3.18	B 8	6 36 2.775	+ 1.8355	− 7	−43 8 44.90	−3.142	− 1
248	23 H. Camelop.	5.60	F 8	6 36 42.860	+10.2503	−306	+79 37 49.23	−3.812	− 608
254	ε Geminorum	3.18	G 5	6 40 29.212	+ 3.6913	− 5	+25 11 18.20	−3.540	− 15
256	ξ Geminorum	3.40	F 5	6 42 8.761	+ 3.3674	− 80	+12 57 27.47	−3.862	− 195
257	*α Canis maj.	−1.58	A o	6 42 40.868	+ 2.6434	−373	−16 38 16.79	−4.924	−1211
255	[ψ⁵ Aurigae]	5.34	G o	6 42 42.257	+ 4.3249	− 1	+43 38 7.13	−3.554	+ 162
1176	[ψ⁶ Aurigae]	5.28	K o	6 43 23.535	+ 4.5744	− 4	+48 51 3.39	−3.771	+ 5
1177	16 Monocerotis	5.84	B 3	6 43 29.132	+ 3.2720	− 7	+ 8 38 53.01	−3.791	− 8
264	[ζ Mensae]	5.64	A 2	6 44 44.605	− 4.9849	− 23	−80 45 25.13	−3.826	+ 59
258	18 Monocerotis	4.70	K o	6 44 56.402	+ 3.1284	− 14	+ 2 28 30.01	−3.921	− 13
1178	[31 G. Puppis]	5.25	B 9	6 45 26.288	+ 2.0527	− 19	−37 52 0.62	−3.965	− 16
1179	[80 G. Monocer.]	5.65	A o	6 46 27.117	+ 3.0216	− 11	− 2 12 26.09	−4.032	+ 4
262	α Pictoris	3.30	A 5	6 47 37.007	+ 0.6156	−108	−61 52 50.93	−3.866	+ 269
259	[43 Camelopard.]	5.13	B 5	6 47 40.587	+ 6.4713	+ 2	+68 57 23.64	−4.140	+ 4
1180	[κ Canis maj.]	3.78	B 2 p	6 47 44.866	+ 2.2412	− 10	−32 26 33.53	−4.143	+ 4
263	[τ Puppis]	2.83	K o	6 48 32.712	+ 1.4884	+ 26	−50 32 49.60	−4.287	− 72
261	ϑ Geminorum	3.64	A 2	6 49 5.945	+ 3.9547	− 1	+34 1 50.52	−4.316	− 52
266	ϑ Canis maj.	4.25	K 2	6 51 35.231	+ 2.7876	− 95	−11 58 1.58	−4.490	− 14
260	24 H. Camelop.	4.75	K 5	6 51 55.737	+ 8.7572	+210	+77 3 11.06	−4.520	− 12
267	[ι Volantis]	5.52	B 8	6 52 5.762	− 0.6861	− 10	−70 53 38.37	−4.497	+ 20
268	ε Canis maj.	1.63	B 1	6 56 25.446	+ 2.3584	+ 4	−28 53 40.87	−4.884	+ 2
1181	[101 G. Monoc.]	5.84	A o	6 57 42.227	+ 2.8823	− 15	− 8 19 39.01	−5.005	− 10
1182	[ω Geminorum]	5.21	K o	6 59 0.090	+ 3.6558	− 7	+24 17 49.35	−5.109	− 3
1183	[σ Canis maj.]	3.68	K 5	6 59 29.242	+ 2.3903	− 4	−27 51 12.49	−5.145	+ 1
270	[o² Canis maj.]	3.12	B 5 p	7 0 41.116	+ 2.5056	− 1	−23 45 0.88	−5.245	+ 2

Nr. 257. Ort des Schwerpunktes. Die Reduktion auf den Hauptstern ist nach den Elementen von Volet, Bull. Astr. II, Bd. 7, 1931:

1944.0 $\Delta\alpha = +0.^s053$ $\Delta\delta = +0.''30$

1945.0 $= +0.046$ $= +0.68$

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0s.0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0".001
		m m		h m s	s		° ' "	"	
269	ζ Geminorum	3.7–4.1	G o p	7 0 47.275	+3.5585	− 7	+20 39 15.09	−5.260	− 3
271	γ Canis maj.	4.07	B 5	7 1 13.443	+2.7147	+ 1	−15 32 57.01	−5.302	− 9
1184	[C Puppis]	5.26	A 2	7 2 16.169	+1.9018	− 20	−42 15 12.96	−5.313	+ 67
272	[27 G. Carinae]	5.30	A o	7 3 15.644	+1.1175	− 12	−56 39 50.67	−5.461	+ 2
1185	[2 G. Canis min.]	5.92	K o	7 4 47.805	+3.2432	− 3	+ 7 33 38.49	−5.630	− 36
273	δ Canis maj.	1.98	F 8 p	7 6 6.803	+2.4397	− 3	−26 18 11.04	−5.699	+ 5
1186	[20 Monocerotis]	5.02	K o	7 7 26.754	+2.9803	− 1	− 4 8 53.64	−5.601	+ 215
274	63 Aurigae	5.07	K 2	7 7 48.347	+4.1271	+ 36	+39 24 49.83	−5.849	− 2
1187	[22 δ Monocerot.]	4.09	A o	7 9 0.236	+3.0640	− 3	− 0 23 54.66	−5.940	+ 6
1189	[γ² Volantis]	3.87	K o	7 9 13.822	−0.5068	+ 44	−70 24 29.72	−5.864	+ 98
1188	[51 Geminorum]	5.31	M 3	7 10 9.344	+3.4453	+ 6	+16 15 20.32	−6.086	− 43
275	[I Puppis]	4.47	F o	7 10 57.747	+1.7101	−142	−46 39 53.93	−6.011	+ 98
1190	[Grb 1281 Lynx]	5.55	G o	7 11 40.895	+4.4564	+ 36	+47 20 29.40	−6.354	− 184
276	[64 Aurigae]	5.75	A 3	7 14 8.735	+4.1722	− 16	+40 59 5.42	−6.363	+ 11
277	λ Geminorum	3.65	A 2	7 14 52.508	+3.4479	− 35	+16 38 35.05	−6.473	− 39
278	π Puppis	2.74	K 5	7 15 9.843	+2.1193	− 8	−36 59 44.74	−6.449	+ 9
279	δ Geminorum	3.52	F o	7 16 46.768	+3.5833	− 19	+22 5 13.79	−6.606	− 14
281	δ Volantis	4.02	F 5	7 16 51.832	−0.0285	− 12	−67 51 17.01	−6.598	− 2
280	19 Lyncis *sq*	5.61	B 8	7 18 18.284	+4.8964	− 8	+55 23 21.19	−6.753	− 35
1191	[66 Aurigae]	5.28	K o	7 20 15.987	+4.1552	− 5	+40 46 55.63	−6.908	− 29
283	[η Canis maj.]	2.43	B 5 p	7 21 52.733	+2.3732	− 5	−29 11 33.80	−7.005	+ 6
282	ι Geminorum	3.89	K o	7 22 15.016	+3.7266	− 92	+27 54 40.05	−7.131	− 89
1192	[169 G. Can. maj.]	5.82	F o	7 22 33.948	+2.7555	−142	−13 38 25.65	−7.078	− 11
285	β Canis minor.	3.09	B 8	7 24 6.834	+3.2536	− 38	+ 8 24 13.40	−7.234	− 40
284	Grb 1308 Caml	5.80	K o	7 25 4.212	+6.2451	− 22	+68 34 58.82	−7.314	− 40
286	ρ Geminorum	4.18	F o	7 25 30.689	+3.8591	+116	+31 53 51.35	−7.137	+ 172
1193	[6 Canis minor.]	4.85	K o	7 26 40.781	+3.3397	− 1	+12 7 26.41	−7.420	− 17
1194	[σ Puppis]	3.28	K 5	7 27 27.170	+1.9034	− 58	−43 11 13.47	−7.275	+ 190
287	*α Geminorum	1.99 2.85	A o A o	7 31 1.690	+3.8296	−138	+32 0 46.60	−7.859	− 103
288	[108 G. Puppis]	4.52	F 8	7 31 39.241	+2.5677	− 38	−22 10 26.53	−7.770	+ 35
1195	[+46° 1286 Lynx]	5.80	K 5	7 32 28.000	+4.3564	− 29	+46 18 20.50	−7.911	− 39
1196	[υ Geminorum]	4.22	K 5	7 32 28.419	+3.6972	− 26	+27 1 18.92	−7.982	− 110
1197	[125 G. Puppis]	5.66	B 3	7 34 13.307	+2.6372	− 4	−19 34 34.64	−8.009	+ 3
1198	[Q Carinae]	4.92	K 5	7 34 16.569	+1.4838	+ 15	−52 24 29.40	−8.036	− 21
289	25 Monocerotis	5.17	F 5	7 34 29.590	+2.9828	− 51	− 3 59 4.48	−8.018	+ 16
290	[127 G. Puppis]	4.62	B 8	7 35 17.671	+2.2196	− 27	−34 50 29.05	−8.079	+ 18
291	*α Canis min.	0.48	F 5	7 36 22.270	+3.1404	−474	+ 5 22 11.94	−9.213	−1030
292	24 Lyncis	4.96	A 2	7 38 16.744	+5.0776	− 53	+58 50 37.41	−8.391	− 54
293	[26 α Monocer.]	4.07	K o	7 38 34.268	+2.8666	− 51	− 9 25 9.20	−8.383	− 24
294	κ Geminorum	3.70	G 5	7 41 4.127	+3.6223	− 23	+24 32 2.33	−8.611	− 54

Nr. 287. Ort des Schwerpunktes. Die Reduktion auf den Ort des helleren Sterns beträgt nach den Elementen von Rabe, Astron. Nachr. Bd. 216, 1922:

$$1944.0 \quad \Delta\alpha = +0^{s}.011 \qquad \Delta\delta = +0''.91$$
$$1945.0 \quad = +0.006 \qquad = +0.85$$

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0ˢ.0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0".001
		m		h m s	s		° ' "	"	
295	β Geminorum	1.21	K 0	7 41 53.489	+3.6714	−475	+28 9 47.19	− 8.675	− 53
297	ζ Volantis	3.89	K 0	7 42 31.377	−0.7357	+ 58	−72 28 18.69	− 8.652	+ 18
1200	[81 Geminorum]	5.02	K 2	7 42 52.985	+3.4740	− 54	+18 38 53.59	− 8.762	− 61
1199	[+37° 1769 Lynx]	5.45	M 0	7 42 55.257	+4.0034	+ 15	+37 39 17.10	− 8.697	+ 7
1201	[11 Canis minor.]	5.30	A 0	7 43 11.279	+3.3027	− 22	+10 54 22.40	− 8.748	− 24
1202	[4 Puppis]	5.11	F 0	7 43 22.095	+2.7628	− 10	−14 25 35.14	− 8.734	+ 4
296	π Geminorum	5.29	K 2	7 43 53.920	+3.8689	− 9	+33 33 17.59	− 8.812	− 31
1203	[187 G. Puppis]	5.26	B 2	7 45 49.907	+1.8127	− 13	−46 28 7.08	− 8.928	+ 4
1204	[ξ Puppis]	3.47	G 0 p	7 46 56.282	+2.5235	− 3	−24 43 5.08	− 9.022	− 3
1206	[61 G. Carinae]	5.82	F 2	7 48 17.401	+0.9908	− 95	−60 8 36.66	− 8.972	+151
1205	[ζ Canis minor.]	5.11	B 8	7 48 47.724	+3.1113	− 15	+ 1 54 40.29	− 9.168	− 5
1207	[φ Geminorum]	4.99	A 2	7 50 4.323	+3.6719	− 28	+26 54 44.49	− 9.297	− 35
301	[213 G. Puppis]	3.76	G 5	7 50 17.416	+2.0619	− 21	−40 25 49.46	− 9.278	0
299	[26 Lyncis]	5.69	K 0	7 50 38.423	+4.3691	− 50	+47 42 42.28	− 9.309	− 2
300	Grb 1374 Caml	5.56	K 0	7 53 31.959	+7.1882	− 30	+74 4 14.71	− 9.566	− 35
1208	[1 Cancri]	5.96	K 0	7 53 48.735	+3.4064	− 23	+15 56 28.83	− 9.597	− 45
1209	[Grb 1384 Lynx]	6.47	K 0	7 54 20.911	+4.2150	+ 38	+44 7 43.90	− 9.585	+ 8
303	χ Carinae	3.60	B 3	7 55 21.249	+1.5252	− 41	−52 49 52.61	− 9.640	+ 29
1210	[225 G. Puppis]	4.85	A 2	7 55 26.102	+2.3919	− 6	−30 10 58.25	− 9.669	+ 6
302	[53 Camelop.]	6.00	A 2 p	7 56 56.152	+5.1246	− 74	+60 28 47.17	− 9.813	− 22
304	[27 Monocerotis]	5.06	K 0	7 56 56.251	+2.9970	− 43	− 3 31 32.04	− 9.792	− 1
1212	[232 G. Puppis]	4.64	A 2	7 57 21.393	+2.6885	− 6	−18 14 40.17	− 9.873	− 50
1211	[ω Cancri]	5.88	K 0	7 57 32.691	+3.6304	+ 8	+25 32 51.60	− 9.838	0
1213	[161 G. Monocer.]	6.30	G 0	7 59 40.870	+2.9484	+ 7	− 6 10 47.78	−10.027	− 28
305	χ Geminorum	5.04	K 0	8 0 4.885	+3.6849	− 21	+27 57 10.54	−10.076	− 46
306	ζ Puppis	2.27	O d	8 1 36.879	+2.1085	− 30	−39 50 39.77	−10.131	+ 13
307	27 Lyncis	4.87	A 2	8 4 15.206	+4.5139	− 67	+51 40 12.05	−10.354	− 9
308	ρ Puppis	2.88	F 5	8 5 9.492	+2.5553	− 60	−24 8 29.98	−10.361	+ 51
1214	[Pi 7ʰ 308 Lynx]	6.64	F 8	8 6 33.024	+3.9046	+164	+35 37 28.19	−10.753	−237
1215	[3 H. Ursae maj.]	5.48	G 5	8 7 15.926	+5.9756	− 4	+68 38 29.50	−10.564	+ 7
309	γ Velorum	2.22	O a p	8 7 48.357	+1.8492	− 8	−47 10 14.54	−10.602	+ 5
311	20 Puppis	5.05	G 5	8 10 45.471	+2.7576	− 12	−15 37 5.90	−10.833	− 6
310	Br 1147 Caml	5.73	G 5	8 12 33.606	+7.5429	+ 65	+75 55 51.82	−10.946	+ 15
312	β Cancri	3.76	K 2	8 13 28.751	+3.2537	− 34	+ 9 21 34.29	−11.077	− 51
1216	[+4° 1945 Hydra]	6.68	G 0 + A 2	8 14 21.670	+3.1588	+ 1	+ 4 23 35.52	−11.090	+ 1
313	[289 G. Puppis]	4.43	A 5	8 16 27.457	+2.2456	− 94	−36 29 5.30	−11.151	+ 91
1218	[7 G. Hydrae]	6.32	A 5	8 16 33.975	+2.8740	− 43	− 9 59 23.71	−11.222	+ 29
1217	[χ Cancri]	5.16	F 5	8 16 39.936	+3.6447	− 14	+27 24 1.79	−11.644	−386
314	31 Lyncis	4.43	K 5	8 19 0.508	+4.1085	− 16	+43 22 9.96	−11.531	−104
1219	[294 G. Puppis]	4.94	K 0	8 19 10.603	+2.3626	− 13	−32 52 30.62	−11.430	+ 9

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.s0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.″001
		m		h m s	s		° ′ ″	″	
1220	[20 Cancri]	5.88	F 0	8 20 9.546	+3.4355	− 40	+18 30 48.43	−11.540	− 30
315	ε Carinae	1.74	K 0 + B	8 21 21.969	+1.2316	− 37	−59 19 43.27	−11.576	+ 18
318	ϑ Chamael.	4.26	K 0	8 22 21.651	−1.7897	−386	−77 18 16.18	−11.625	+ 39
1221	[302 G.Puppis *pr*]	5.55	K 5	8 22 38.587	+2.5907	− 22	−23 51 48.42	−11.660	+ 27
316	Br 1197 Hydra	3.95	A 0	8 22 51.733	+2.9980	− 46	− 3 43 21.00	−11.728	− 26
319	[β Volantis]	3.65	K 0	8 25 8.066	+0.6551	− 44	−65 56 58.72	−12.021	−160
1222	[29 Cancri]	5.90	A 2	8 25 29.918	+3.3480	− 13	+14 23 51.25	−11.905	− 16
317	ο Ursae maj.	3.47	G 0	8 25 37.696	+4.9870	−185	+60 54 26.68	−12.010	−111
320	Grb 1450 Lynx	6.05	K 0	8 29 16.886	+3.9009	− 86	+38 12 36.06	−12.326	−173
321	η Cancri	5.52	K 0	8 29 28.337	+3.4695	− 35	+20 37 57.98	−12.216	− 49
322	[Grb 1446 Caml]	6.29	K 0	8 33 31.726	+6.6789	− 51	+73 49 40.99	−12.552	−104
1223	[δ Hydrae]	4.18	A 0	8 34 41.532	+3.1762	− 47	+ 5 54 0.88	−12.538	− 12
323	[Grb 1460 UMaj]	6.03	K 0	8 35 9.280	+4.4466	− 39	+52 54 34.30	−12.595	− 37
324	[48 G. Velorum]	4.13	A 5	8 35 40.383	+2.1091	− 17	−42 47 32.14	−12.585	+ 7
1224	[σ Hydrae]	4.54	K 0	8 35 49.855	+3.1361	− 13	+ 3 32 21.25	−12.625	− 21
1225	[34 Lyncis]	5.52	K 0	8 37 9.327	+4.1472	+ 21	+46 1 55.16	−12.609	+ 85
325	[6 Hydrae]	5.15	K 2	8 37 22.219	+2.8423	− 60	−12 16 34.75	−12.714	− 6
1227	ο Velorum	3.68	B 3	8 38 41.318	+1.7197	− 22	−52 43 20.27	−12.775	+ 22
1226	[53 G. Velorum]	4.06	F 5 p	8 38 46.007	+1.9911	− 6	−46 26 55.08	−12.797	+ 4
1228	[γ Cancri]	4.73	A 0	8 40 2.870	+3.4722	− 76	+21 40 16.41	−12.932	− 44
327	α Pyxidis	3.70	B 2	8 41 20.427	+2.4109	− 13	−32 59 0.69	−12.965	+ 9
326	δ Cancri	4.17	K 0	8 41 30.285	+3.4095	− 14	+18 21 41.17	−13.219	−233
1229	[25 G. Pyxidis]	6.13	A 2	8 42 24.901	+2.6849	+ 4	−20 57 48.30	−13.021	+ 25
331	[η Chamael.]	5.62	B 9	8 43 16.840	−2.0245	− 78	−78 45 39.28	−13.080	+ 20
328	ι Cancri	4.20	G 5	8 43 18.733	+3.6309	− 19	+28 57 58.19	−13.150	− 45
1230	[14 Hydrae]	5.19	B 9	8 46 32.853	+3.0149	− 18	− 3 14 2.60	−13.341	− 23
332	[γ Pyxidis]	4.19	K 2	8 48 9.230	+2.5465	−101	−27 30 4.52	−13.342	+ 81
334	ζ Hydrae	3.30	K 0	8 52 26.060	+3.1715	− 69	+ 6 9 35.39	−13.689	+ 10
1231	[80 G. Hydrae]	5.90	K 0	8 52 37.996	+2.7583	+ 23	−18 1 37.01	−13.730	− 19
336	108 G. Carinae	3.98	B 8	8 53 46.789	+1.3608	− 25	−60 25 48.29	−13.742	+ 41
335	ι Ursae maj.	3.12	A 5	8 55 22.975	+4.1088	−443	+48 15 46.62	−14.126	−240
337	α Cancri	4.27	A 3	8 55 25.557	+3.2814	+ 22	+12 4 32.61	−13.922	− 34
1233	[109 G. Carinae]	5.29	B 3	8 55 36.202	+1.4680	− 20	−59 0 44.75	−13.887	+ 12
1232	[64 Cancri]	5.64	G 5	8 56 6.597	+3.6846	− 37	+32 38 14.74	−13.972	− 40
339	Br 1268 Lynx	4.09	F 5	8 57 0.702	+3.8954	−395	+42 0 21.10	−14.246	−258
338	ρ Ursae maj.	4.99	M 0	8 57 31.457	+5.4139	− 45	+67 50 59.29	−14.005	+ 16
1234	[91 G. Velorum]	4.42	F 8	8 57 59.860	+2.2397	− 40	−41 2 5.52	−14.010	+ 39
1235	[92 G. Hydrae]	5.80	K 0	8 59 6.315	+3.0651	− 37	− 0 15 45.56	−14.043	+ 76
341	κ Ursae maj.	3.68	A 0	8 59 48.674	+4.0971	− 35	+47 22 46.17	−14.221	− 58
340	[Grb 1501 UMaj]	5.68	A 2	8 59 54.942	+4.3969	− 14	+54 30 22.10	−14.170	− 1

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.s0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.″001
		m		h m s	s		° ′ ″	″	
1236	[93 G. Hydrae]	6.74	A 0	9 0 55.967	+2.9906	— 11	— 4 56 55.24	—14.227	+ 5
343	α Volantis	4.18	A 5	9 1 34.112	+0.9494	+ 11	—66 10 19.83	—14.371	—101
342	[97 G. Velorum]	3.69	K 0	9 2 13.248	+2.0685	— 57	—46 52 26.41	—14.325	— 15
1237	[Pi 8h245 Lynx]	4.71	G 5	9 2 58.405	+3.8168	— 27	+38 40 38.49	—14.379	— 22
1238	[κ Cancri]	5.14	B 8	9 4 42.909	+3.2495	— 17	+10 53 41.09	—14.473	— 10
345	λ Velorum	2.22	K 5	9 5 56.041	+2.2066	— 25	—43 12 20.20	—14.521	+ 15
1239	[ξ Cancri]	5.22	G 5	9 6 8.535	+3.4496	0	+22 16 23.25	—14.550	— 1
1240	[101 G. Hydrae]	5.81	K 0	9 6 30.327	+2.8767	+ 8	—12 7 47.96	—14.586	— 15
1241	[ε Pyxidis]	5.63	A 3	9 7 33.916	+2.5431	0	—30 8 8.91	—14.679	— 45
1242	[107 G. Hydrae]	5.81	K 0	9 9 24.766	+2.7484	— 39	—19 31 4.54	—14.709	+ 34
346	[36 Lyncis]	5.30	B 8	9 10 8.917	+3.9248	— 27	+43 26 59.84	—14.826	— 39
347	ϑ Hydrae	3.84	A 0	9 11 27.090	+3.1217	+ 86	+ 2 33 5.66	—15.178	—314
348	β Carinae	1.80	A 0	9 12 35.726	+0.6622	— 280	—69 29 10.57	—14.827	+103
351	[ι Carinae]	2.25	F 0	9 15 35.475	+1.6066	— 23	—59 2 23.01	—15.099	+ 5
350	83 Cancri	6.60	F 5	9 15 51.465	+3.3485	— 87	+17 56 37.77	—15.255	—135
352	α Lyncis	3.30	K 5	9 17 38.938	+3.6553	— 181	+34 37 49.91	—15.210	+ 13
1243	[ϑ Pyxidis]	4.93	M 0	9 19 0.740	+2.6565	— 7	—25 43 34.35	—15.309	— 10
353	κ Velorum	2.63	B 3	9 20 22.685	+1.8581	— 12	—54 46 14.95	—15.366	+ 10
1244	[κ Leonis]	4.61	K 0	9 21 23.812	+3.4943	— 25	+26 25 28.31	—15.483	— 49
1245	[28 Hydrae]	5.81	K 5	9 22 36.007	+2.9998	— 11	— 4 52 30.01	—15.514	— 14
354	α Hydrae	2.16	K 2	9 24 50.105	+2.9483	— 10	— 8 24 53.92	—15.597	+ 27
356	ε Antliae	4.64	K 2	9 26 55.892	+2.4762	— 22	—35 42 20.44	—15.747	— 10
355	23 Ursae maj.	3.75	F 0	9 27 8.151	+4.7324	+ 155	+63 18 29.51	—15.724	+ 25
1246	[ξ Leonis]	5.12	G 5	9 28 55.725	+3.2337	— 66	+11 32 55.64	—15.932	— 87
358	ϑ Ursae maj.	3.26	F 8 p	9 29 7.403	+4.0136	—1031	+51 56 1.54	—16.399	—543
361	[N Velorum]	3.4–4.2	K 5	9 29 31.127	+1.8231	— 42	—56 47 12.12	—15.874	+ 2
357	24 Ursae maj.	4.57	G 0	9 29 33.951	+5.3089	— 135	+70 4 41.32	—15.805	+ 75
1247	[160 G. Hydrae]	5.16	K 0	9 30 37.642	+2.7624	— 18	—20 52 1.22	—15.925	+ 11
360	10 Leonis min.	4.62	G 5	9 30 47.915	+3.6758	+ 4	+36 38 50.14	—15.974	— 29
362	[H Carinae]	5.52	K 2	9 31 12.005	+0.4546	— 32	—72 49 56.69	—15.973	— 8
1248	[17 G. Antliae]	5.63	K 0	9 34 45.133	+2.5828	+ 27	—31 55 34.11	—16.176	— 24
1249	[Br 1352 Hydra]	4.78	K 0	9 35 32.080	+3.1299	— 108	+ 4 54 11.20	—16.248	— 55
1250	[ι Hydrae]	4.10	K 0	9 36 59.767	+3.0641	+ 31	— 0 53 15.71	—16.337	— 69
363	[Grb 1564 UMaj]	5.74	K 0	9 37 29.221	+5.1396	— 141	+69 29 37.97	—16.367	— 74
364	[κ Hydrae]	4.96	B 3	9 37 37.217	+2.8762	— 20	—14 4 38.63	—16.323	— 24
365	[ο Leonis]	3.76	F 5 + A 3	9 38 9.795	+3.2021	— 98	+10 8 52.95	—16.366	— 39
1251	[15 Leonis]	5.73	A 2	9 40 16.545	+3.5171	— 18	+30 13 58.24	—16.543	—109
1252	[ψ Leonis]	5.62	M 0	9 40 41.023	+3.2672	— 1	+14 16 44.00	—16.458	— 4
366	ϑ Antliae	4.98	F 5 p	9 41 42.190	+2.6745	— 38	—27 30 44.39	—16.474	+ 30
367	ε Leonis	3.12	G 0 p	9 42 40.559	+3.4057	— 35	+24 1 58.98	—16.569	— 17

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.s0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.″001
		m		h m s	s		° ′ ″	″	
1253	[+19° 2254 Leo]	6.92	K 0	9 42 45.448	+3.3331	+ 16	+18 56 32.84	−16.576	− 19
1254	[l Carinae]	3.6–4.8	G 0	9 43 42.480	+1.6485	− 18	−62 14 56.27	−16.590	+ 13
1255	[Br 1369 U Maj]	5.20	G 0	9 44 59.215	+3.8709	+215	+46 16 58.72	−16.763	− 97
368	υ Ursae maj.	3.89	F 0	9 47 1.480	+4.2681	−386	+59 18 11.90	−16.921	−157
370	6 Sextantis	6.00	A 2	9 48 24.681	+3.0231	+ 5	− 3 58 48.32	−16.863	− 33
1256	[162 G. Velorum]	5.72	K 0	9 49 9.530	+2.3244	− 29	−45 55 52.21	−16.830	+ 35
371	[μ Leonis]	4.10	K 0	9 49 34.955	+3.4123	−162	+26 16 17.78	−16.946	− 60
373	[183 G. Hydrae]	5.16	M 0	9 52 13.634	+2.8302	− 31	−18 44 36.00	−17.056	− 47
1257	[18 G. Sextantis]	7.03	K 0	9 53 20.995	+2.9803	− 20	− 7 22 44.69	−17.067	− 6
372	Grb 1586 UMaj	5.96	K 0	9 53 25.295	+5.3680	−183	+73 8 49.74	−17.108	− 43
374	[19 Leonis min.]	5.19	F 5	9 54 15.709	+3.6750	−107	+41 19 23.68	−17.132	− 30
375	φ Velorum	3.70	B 5	9 54 53.590	+2.1061	− 16	−54 18 1.71	−17.120	+ 11
377	[η Antliae]	5.25	F 0	9 56 27.897	+2.5737	− 81	−35 37 20.19	−17.227	− 25
376	[12 Sextantis]	6.63	A 5	9 56 48.795	+3.1119	− 49	+ 3 39 11.71	−17.199	+ 18
378	π Leonis	4.89	M 0	9 57 15.310	+3.1705	− 23	+ 8 18 49.33	−17.264	− 27
1258	[20 Leonis min.]	5.60	G 5	9 57 47.265	+3.4594	−414	+32 11 59.87	−17.695	−434
1259	[Pi 9h 229 UMaj]	5.74	F 5	10 0 53.813	+3.9889	− 28	+54 9 48.86	−17.409	− 10
1260	[193 G. Hydrae]	5.80	F 0	10 1 45.681	+2.7724	− 71	−24 0 49.67	−17.415	+ 20
1261	[υ² Hydrae]	4.72	B 8	10 2 23.775	+2.9216	− 26	−12 47 32.83	−17.455	+ 8
379	η Leonis	3.58	A 0p	10 4 16.900	+3.2708	− 4	+17 2 11.46	−17.549	− 6
380	α Leonis	1.34	B 8	10 5 23.483	+3.1952	−169	+12 14 30.04	−17.587	+ 3
381	λ Hydrae	3.83	K 0	10 7 51.405	+2.9250	−138	−12 4 35.72	−17.785	− 93
382	191 G. Velorum	4.09	A 2	10 12 22.872	+2.5181	−136	−41 50 38.02	−17.834	+ 40
385	[ω Carinae]	3.56	B 8	10 12 24.550	+1.4292	− 45	−69 45 34.12	−17.873	+ 2
384	ζ Leonis	3.65	F 0	10 13 34.729	+3.3369	+ 11	+23 41 49.56	−17.934	− 12
383	λ Ursae maj.	3.52	A 2	10 13 43.639	+3.6189	−152	+43 11 41.32	−17.972	− 45
1262	[32 Ursae maj.]	5.74	A 3	10 13 59.480	+4.3598	−144	+65 23 19.27	−17.952	− 13
1263	[ε Sextantis]	5.40	F 0	10 14 50.772	+2.9813	−109	− 7 47 18.81	−17.970	+ 1
1264	[187 G. Carinae]	3.44	K 5	10 15 12.570	+2.0035	− 32	−61 3 7.02	−17.980	+ 5
1265	[59 G. Antliae]	5.62	B 9	10 15 33.391	+2.7497	− 14	−28 42 40.97	−17.988	+ 10
1266	[23 Sextantis]	6.53	B 3	10 18 8.495	+3.0982	− 8	+ 2 34 19.54	−18.101	− 4
386	μ Ursae maj.	3.21	K 5	10 19 0.022	+3.5748	− 75	+41 46 54.86	−18.100	+ 29
1267	[27 Leonis min.]	5.83	A 3	10 19 53.135	+3.4561	− 10	+34 11 29.59	−18.176	− 14
1268	[204 G. Velorum	4.99	K 5	10 19 55.212	+2.5728	− 28	−41 22 3.44	−18.111	+ 52
387	30 H. Ursae maj.	4.92	A 0	10 20 7.036	+4.3284	− 24	+65 51 1.69	−18.195	− 25
388	[25 Sextantis]	6.10	B 9	10 20 36.600	+3.0322	− 37	− 3 47 25.32	−18.188	0
1269	[64 G. Antliae]	5.40	A 3	10 21 1.933	+2.6270	−136	−37 43 29.99	−18.258	− 54
391	I Carinae	4.08	F 5	10 23 17.389	+1.1929	− 30	−73 44 46.71	−18.311	− 26
389	μ Hydrae	4.06	K 5	10 23 22.806	+2.9018	− 89	−16 32 59.32	−18.372	− 84
392	α Antliae	4.42	K 5	10 24 35.173	+2.7456	− 57	−30 46 55.01	−18.317	+ 15

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.s0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0".001
		m		h m s	s		° ' "	"	
390	β Leonis min.	4.41	K o	10 24 39.064	+3.4697	−102	+36 59 41.39	−18.443	−109
393	196 G. Carinae	4.08	F o	10 25 49.091	+2.2018	− 20	−58 27 10.78	−18.380	− 5
1270	[δ Sextantis]	5.24	B 9	10 26 38.015	+3.0470	− 35	− 2 27 6.68	−18.423	− 19
1271	[+29°2057 LMin]	6.92	K o	10 26 45.526	+3.3652	+ 7	+28 52 6.05	−18.416	− 8
394	36 Ursae maj.	4.84	F 5	10 27 3.387	+3.8405	−218	+56 16 6.46	−18.454	− 35
1272	[46 Leonis]	5.74	M o	10 29 12.511	+3.2028	− 29	+14 25 30.76	−18.476	+ 16
396	[ρ Leonis]	3.85	B op	10 29 51.810	+3.1591	− 6	+ 9 35 43.34	−18.519	− 6
397	[203 G. Carinae]	3.58	B 5p	10 30 1.675	+2.1331	− 27	−61 23 48.39	−18.510	+ 9
395	9 H. Draconis	5.04	G 5	10 30 23.412	+5.1050	− 96	+76 0 8.47	−18.540	− 9
1273	219 G. Velorum	5.14	K o	10 30 34.899	+2.5343	+ 6	−46 42 51.90	−18.538	− 1
399	[44 Hydrae]	5.32	K 2	10 31 20.895	+2.8537	− 7	−23 27 21.67	−18.545	+ 18
398	[37 Ursae maj.]	5.16	F o	10 31 34.136	+3.8661	+ 78	+57 22 18.38	−18.536	+ 34
1274	[236 G. Hydrae]	5.85	F 8	10 33 44.942	+2.9870	+175	−11 55 44.45	−19.321	−680
401	[γ Chamaeleon.]	4.10	M c	10 34 49.374	+0.7136	−125	−78 19 1.54	−18.655	+ 20
1275	[37 Leonis min.]	4.77	G o	10 35 34.419	+3.3770	+ 2	+32 16 3.67	−18.699	+ 1
402	[225 G. Velorum]	4.37	G o	10 37 4.343	+2.3878	− 21	−55 18 40.21	−18.748	− 2
404	33 Sextantis	6.40	K o	10 38 33.215	+3.0520	− 94	− 1 26 47.97	−18.917	−125
403	[35 H. Ursae maj.]	5.23	K o	10 39 5.232	+4.2988	− 8	+69 22 11.32	−18.825	− 17
1277	[78 G. Antliae]	5.73	A o	10 40 7.217	+2.7811	− 23	−32 25 19.09	−18.837	+ 1
1276	[Pi 10^{h} 135 UMaj]	5.28	F o	10 40 15.954	+3.5269	−260	+46 29 55.37	−18.917	− 74
405	[41 Leonis min.]	5.05	A 2	10 40 22.446	+3.2622	− 85	+23 28 55.63	−18.841	+ 5
406	ϑ Carinae	3.03	B o	10 40 57.230	+2.1404	− 24	−64 6 1.98	−18.851	+ 12
407	42 Leonis min.	5.37	B 9	10 42 45.317	+3.3363	− 21	+30 58 40.08	−18.957	− 41
1278	[Br 1493 Leo]	6.29	K o	10 43 10.754	+3.1238	− 8	+ 6 40 7.72	−18.969	− 40
1279	[51 Leonis]	5.64	K o	10 43 23.642	+3.2321	+ 64	+19 11 14.16	−18.979	− 45
1280	[250 G. Hydrae]	6.86	K o	10 44 2.893	+2.8513	−121	−25 45 12.69	−18.904	+ 49
411	[δ² Chamaeleon.]	4.62	B 3	10 45 16.851	+0.5681	−153	−80 14 41.08	−18.986	+ 2
409	53 Leonis	5.27	A o	10 46 18.875	+3.1536	− 4	+10 50 31.29	−19.044	− 28
410	[ν Hydrae]	3.32	K o	10 46 51.581	+2.9604	+ 67	−15 54 0.50	−18.837	+195
1281	[41 Sextantis]	5.78	A 2	10 47 29.400	+3.0098	− 5	− 8 36 2.33	−19.070	− 21
412	[46 Leonis min.]	3.92	K o	10 50 11.103	+3.3556	+ 69	+34 31 2.01	−19.406	−285
414	[ι Antliae]	4.70	K o	10 54 6.203	+2.7961	+ 67	−36 50 10.66	−19.353	−132
413	[Br 1508 Draco]	6.26	G 5	10 55 31.993	+4.8028	−246	+78 4 14.59	−19.287	− 31
1282	[47 Ursae maj.]	5.14	G o	10 56 20.191	+3.3604	−281	+40 43 47.04	−19.226	+ 49
1283	[α Crateris]	4.20	K o	10 57 2.606	+2.9231	−323	−18 0 0.67	−19.169	+123
415	239 G. Velorum	4.56	A 2	10 57 34.742	+2.7522	+ 17	−41 55 30.61	−19.309	− 4
1284	[58 Leonis]	5.05	K o	10 57 40.107	+3.0985	+ 8	+ 3 55 6.96	−19.325	− 18
416	β Ursae maj.	2.44	A o	10 58 28.517	+3.6218	+ 97	+56 40 58.87	−19.298	+ 27
1285	[29 G. Leonis]	7.13	G 5	10 59 45.804	+3.0523	− 14	− 3 12 39.20	−19.385	− 30
417	α Ursae maj.	1.95	K o	11 0 17.319	+3.7043	−174	+62 3 13.45	−19.438	− 71

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.s0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0".001
		m		h m s	s		° ' "	"	
418	χ Leonis	4.66	F 0	11 2 7.727	+3.0948	−231	+ 7 38 20.92	−19.457	− 49
419	[χ¹ Hydrae]	5.06	F 5	11 2 37.800	+2.8904	−143	−26 59 27.25	−19.423	− 4
1286	[11 G. Crateris]	6.14	A 3	11 2 45.241	+3.0112	+ 10	−10 47 7.17	−19.527	−105
1287	[65 Leonis]	5.66	G 5	11 4 2.807	+3.0604	−255	+ 2 15 35.50	−19.539	− 90
1288	[259 G. Carinae]	5.80	B 3	11 4 48.161	+2.1656	− 39	−70 34 28.85	−19.467	− 2
1289	[260 G. Carinae]	4.02	F 8p	11 6 11.383	+2.5619	− 8	−58 40 16.71	−19.494	− 1
420	ψ Ursae maj.	3.15	K 0	11 6 31.352	+3.3736	− 62	+44 48 9.88	−19.531	− 31
421	β Crateris	4.52	A 2	11 8 54.029	+2.9510	+ 3	−22 31 11.13	−19.650	−103
1290	[275 G. Hydrae]	6.46	M 0	11 9 32.588	+2.8914	+ 14	−32 7 45.51	−19.556	+ 4
1291	[9 G. Centauri]	5.67	A 2	11 9 59.577	+2.7331	− 98	−48 47 47.51	−19.528	+ 41
422	δ Leonis	2.58	A 3	11 11 7.944	+3.1909	+102	+20 49 50.99	−19.725	−136
423	ϑ Leonis	3.41	A 0	11 11 18.174	+3.1482	− 43	+15 44 9.48	−19.675	− 82
424	[Grb 1757 U Maj]	5.97	K 0	11 13 33.000	+3.3816	− 94	+49 46 55.93	−19.648	− 15
1292	[φ Leonis]	4.58	A 5	11 13 48.801	+3.0501	− 75	− 3 20 42.73	−19.681	− 43
425	ν Ursae maj.	3.71	K 0	11 15 27.500	+3.2410	− 23	+33 24 0.46	−19.644	+ 22
1293	[55 Ursae maj.]	4.78	A 2	11 16 5.105	+3.2705	− 49	+38 29 34.79	−19.753	− 77
426	δ Crateris	3.82	K 0	11 16 32.299	+2.9996	− 85	−14 28 30.85	−19.484	+200
427	σ Leonis	4.13	A 0	11 18 14.926	+3.0936	− 64	+ 6 20 11.52	−19.725	− 13
428	π Centauri	4.26	B 5	11 18 26.736	+2.7364	− 31	−54 11 1.78	−19.719	− 4
429	Grb 1771 U Maj	5.98	A 0	11 19 32.679	+3.5666	− 13	+64 38 13.92	−19.703	+ 29
1294	[28 G. Centauri]	6.42	B 3	11 21 40.896	+2.8690	− 15	−42 21 40.91	−19.774	− 10
431	[γ Crateris]	4.14	A 5	11 22 4.869	+2.9975	− 69	−17 22 34.36	−19.772	− 2
1295	[Pi 11ʰ 63 Leo]	7.15	A 2	11 22 47.818	+3.1811	− 23	+27 3 18.78	−19.777	+ 3
1296	[83 Leonis]	6.54	K 0	11 23 55.230	+3.0371	−482	+ 3 19 6.71	−19.618	+177
1297	[τ Leonis]	5.18	K 0	11 25 3.418	+3.0856	+ 12	+ 3 9 53.48	−19.828	− 17
1298	[282 G. Hydrae]	6.79	K 0	11 26 50.873	+2.9708	− 12	−27 43 18.38	−19.841	− 7
432	[58 Ursae maj.]	5.88	F 8	11 27 29.663	+3.2469	− 53	+43 28 50.93	−19.766	+ 76
433	λ Draconis	4.06	M 0	11 28 6.156	+3.5643	− 78	+69 38 25.34	−19.870	− 20
434	ξ Hydrae	3.72	G 5	11 30 14.559	+2.9510	−160	−31 32 50.90	−19.912	− 38
436	λ Centauri	3.34	B 9	11 33 11.226	+2.7658	− 53	−62 42 34.97	−19.912	− 5
435	[C² Centauri]	5.42	F 0	11 33 12.227	+2.9070	+ 28	−47 19 51.30	−19.958	− 51
1299	[ϑ Crateris]	4.81	B 9	11 33 50.321	+3.0434	− 43	− 9 29 32.51	−19.908	+ 4
437	υ Leonis	4.47	K 0	11 34 4.823	+3.0720	+ 2	− 0 30 51.87	−19.876	+ 39
438	[π Chamaeleon.]	5.74	F 0	11 34 56.207	+2.4744	−318	−75 35 10.33	−19.916	+ 7
439	[o Hydrae]	4.88	B 8	11 37 25.578	+2.9802	− 30	−34 26 2.57	−19.943	+ 3
1300	[61 Ursae maj.]	5.46	G 5	11 38 6.317	+3.1595	− 12	+34 31 4.89	−20.342	−390
440	3 Draconis	5.48	K 0	11 39 21.981	+3.3483	− 83	+67 3 17.80	−19.927	+ 34
1301	[ζ Crateris]	4.90	G 5	11 41 55.263	+3.0413	+ 24	−18 2 21.50	−20.017	− 37
442	[λ Muscae]	3.80	A 5	11 42 57.072	+2.8312	−148	−66 25 5.44	−19.958	+ 30
1302	[ν Virginis]	4.20	M 0	11 42 58.845	+3.0838	− 12	+ 6 50 35.79	−20.175	−187

Mittlere Sternörter 1944.0

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.s0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0."001
		m		h m s	s		° ′ ″	″	
441	χ Ursae maj.	3.85	K 0	11 43 6.019	+3.1688	− 139	+48 5 23.94	−19.965	+ 23
443	[65 G. Centauri]	4.22	G 0	11 43 47.518	+2.8999	− 42	−60 52 0.83	−20.012	− 19
1303	[Grb 1826 UMaj]	6.64	F 0	11 44 7.239	+3.2396	− 52	+61 42 48.94	−20.039	− 44
1304	[93 Leonis]	4.54	F 8	11 45 5.892	+3.0948	− 108	+20 31 48.63	−20.011	− 11
1305	[298 G. Hydrae]	5.45	M 3	11 45 55.122	+3.0304	− 20	−26 26 17.68	−20.017	− 11
444	β Leonis	2.23	A 2	11 46 12.247	+3.0602	− 343	+14 53 6.51	−20.125	− 119
445	β Virginis	3.80	F 8	11 47 46.635	+3.1251	+ 494	+ 2 4 49.31	−20.289	− 275
1306	[12 G. Virginis]	5.81	K 0	11 48 10.351	+3.0674	+ 3	− 5 1 18.76	−20.022	− 5
446	[B Centauri]	4.71	K 0	11 48 20.161	+2.9969	− 88	−44 51 43.13	−20.046	− 29
1307	[Grb 1830 UMaj]	6.46	G 5	11 49 45.407	+3.4585	+3386	+38 7 14.18	−25.827	−5804
447	γ Ursae maj.	2.54	A 0	11 50 53.624	+3.1565	+ 104	+54 0 22.10	−20.021	+ 6
1308	[95 Leonis]	5.49	A 2	11 52 47.775	+3.0858	+ 7	+15 57 30.27	−20.037	− 3
1309	[η Crateris]	5.16	A 0	11 53 9.485	+3.0574	− 37	−16 50 20.38	−20.045	− 11
1310	[Pi 11h202 UMaj]	6.30	F 0	11 55 14.782	+3.0824	− 84	+32 35 11.52	−20.107	− 69
1311	[π Virginis]	4.57	A 3	11 58 0.167	+3.0744	− 2	+ 6 55 35.64	−20.075	− 33
449	[88 G. Centauri]	5.28	F 0	12 0 45.057	+3.1065	+ 292	−42 7 13.66	−20.162	− 120
450	ο Virginis	4.24	G 5	12 2 21.372	+3.0561	− 149	+ 9 2 38.42	−19.997	+ 45
451	[Grb 1852 Caml]	5.96	K 0	12 2 25.938	+3.0538	+ 438	+77 13 7.52	−20.142	− 100
1312	[311 G. Hydrae]	6.26	B 9	12 3 3.507	+3.0817	− 42	−35 22 55.26	−20.037	+ 5
452	δ Centauri	2.88	B 3p	12 5 26.787	+3.1085	− 33	−50 24 37.91	−20.048	− 10
453	ε Corvi	3.21	K 0	12 7 14.409	+3.0857	− 49	−22 18 30.05	−20.023	+ 10
1313	[3 Comae]	6.34	A 0	12 7 40.395	+3.0579	− 14	+17 7 14.68	−20.038	− 6
454	Br 1634 Caml	5.12	A 5	12 9 35.938	+2.8132	+ 22	+77 55 38.29	−20.007	+ 19
1314	[Br 1636 U Maj]	6.26	K 0	12 11 57.244	+2.9755	− 25	+53 44 46.03	−20.035	− 19
455	[δ Crucis]	3.08	B 3	12 12 9.504	+3.1844	− 44	−58 26 14.45	−20.021	− 6
456	δ Ursae maj.	3.44	A 2	12 12 39.755	+2.9704	+ 125	+57 20 36.97	−20.009	+ 3
457	[γ Corvi]	2.78	B 8	12 12 55.333	+3.0855	− 111	−17 13 52.00	−19.995	+ 16
458	[2 Canum venat.]	5.92	K 5	12 13 19.431	+3.0070	+ 14	+40 58 18.29	−20.048	− 39
459	β Chamaeleontis	4.38	B 5	12 15 1.083	+3.5110	− 133	−79 0 4.82	−19.984	+ 16
1315	[14 Virginis]	7.03	K 0	12 16 27.082	+3.0877	0	− 8 36 12.44	−20.018	− 27
460	η Virginis	4.00	A 0	12 17 2.345	+3.0696	− 42	− 0 21 20.61	−20.010	− 22
1316	[3 Canum venat.]	5.56	K 2	12 17 3.562	+2.9565	− 10	+49 17 41.30	−19.984	+ 3
1317	[16 Virginis]	5.10	K 0	12 17 30.252	+3.0470	− 197	+ 3 37 27.34	−20.054	− 70
1318	[12 Comae]	4.78	F 5	12 19 41.521	+3.0159	− 9	+26 9 24.24	−19.982	− 13
1319	[322 G. Hydrae]	6.34	K 0	12 22 22.142	+3.1412	+ 3	−27 26 20.47	−19.968	− 20
461	[6 Canum venat.]	5.22	K 0	12 23 5.615	+2.9559	− 70	+39 19 44.60	−19.981	− 40
462	α Crucis *m*	1.58 2.09	B 1 B 1	12 23 28.335	+3.3354	− 39	−62 47 20.74	−19.950	− 12
463	[323 G. Hydrae]	5.68	A 0	12 23 54.210	+3.1614	− 6	−32 31 11.04	−19.964	− 30
464	[σ Centauri]	4.16	B 3	12 25 0.064	+3.2438	− 25	−49 55 14.40	−19.944	− 21
1320	[122 G. Centauri]	5.60	B 8	12 25 23.304	+3.1893	− 25	−38 43 52.57	−19.940	− 20

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.s0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0."001
		m		h m s	s		° ′ ″	″	
466	20 Comae	5.72	A 2	12 26 54.490	+3.0141	+ 17	+21 12 21.65	−19.939	− 34
465	δ Corvi	3.11	A 0	12 26 57.758	+3.1042	−146	−16 12 13.90	−20.047	−143
467	[74 Ursae maj.]	5.44	A 5	12 27 20.822	+2.8025	− 87	+58 42 49.15	−19.812	+ 88
468	[γ Crucis]	1.61	M 3	12 28 2.768	+3.3266	+ 39	−56 47 59.16	−20.156	−264
469	[γ Muscae]	4.04	B 5	12 29 5.734	+3.5799	− 92	−71 49 25.70	−19.887	− 6
1321	[35 G. Corvi]	5.76	G 5	12 30 39.754	+3.1111	− 17	−12 31 20.08	−19.813	+ 50
1322	[Pi 12ʰ 122 CVen]	5.43	K 0	12 30 53.537	+2.9552	+ 12	+33 33 24.19	−19.900	− 39
470	β Canum venat.	4.32	G 0	12 31 5.199	+2.8492	−631	+41 39 41.53	−19.571	+287
472	κ Draconis	3.88	B 5 p	12 31 6.178	+2.5619	−117	+70 5 48.05	−19.850	+ 8
471	β Corvi	2.84	G 5	12 31 26.437	+3.1516	+ 4	−23 5 14.15	−19.912	− 57
1323	[23 Comae]	4.78	A 0	12 32 3.690	+2.9892	− 51	+22 56 14.35	−19.832	+ 15
473	24 Comae *sq*	5.18	K 0	12 32 19.255	+3.0092	− 4	+18 41 6.36	−19.823	+ 20
474	α Muscae	2.94	B 3	12 33 49.265	+3.5746	− 64	−68 49 37.66	−19.837	− 13
1324	[25 Virginis]	5.90	A 0	12 33 54.114	+3.0901	− 22	− 5 31 24.46	−19.844	− 20
475	[χ Virginis]	4.78	K 0	12 36 21.169	+3.0965	− 52	− 7 41 15.67	−19.824	− 33
1325	133 G. Centauri	5.84	K 0	12 38 17.728	+3.2945	− 77	−45 50 21.51	−19.710	+ 54
1326	[ρ Virginis]	4.95	A 0	12 39 2.962	+3.0367	+ 57	+10 32 38.20	−19.847	− 94
478	76 Ursae maj.	5.92	A 0	12 39 7.513	+2.6215	− 56	+63 1 12.66	−19.773	− 22
479	[330 G. Hydrae]	5.73	K 2	12 41 1.032	+3.1971	− 27	−28 1 0.63	−19.761	− 38
1327	[Y Canum ven.]	4.8-6.0	N 3	12 42 30.180	+2.8202	+ 1	+45 44 45.91	−19.689	+ 10
1328	[32 d² Virginis]	5.24	A 5	12 42 47.238	+3.0311	− 73	+ 7 58 45.34	−19.693	+ 2
481	β Crucis	1.50	B 1	12 44 26.012	+3.5039	− 47	−59 22 58.25	−19.681	− 14
1329	[332 G. Hydrae]	6.29	B 9	12 44 54.697	+3.1890	− 31	−24 32 48.61	−19.625	+ 34
1330	[35 Virginis]	6.66	M 0	12 45 0.223	+3.0550	− 5	+ 3 52 41.43	−19.663	− 5
1331	[143 G. Centauri]	5.01	A 0	12 47 38.406	+3.2547	− 25	−33 41 39.44	−19.634	− 23
1332	[31 Comae]	5.07	G 0	12 48 58.325	+2.9223	− 12	+27 50 42.22	−19.602	− 16
1333	[32 Comae]	6.53	K 5	12 49 25.128	+2.9831	− 6	+17 22 41.18	−19.595	− 17
482	150 G. Centauri	4.34	A 5	12 50 19.581	+3.3223	+ 58	−39 52 28.67	−19.586	− 25
1334	[52 G. Corvi]	6.84	A 0	12 51 2.715	+3.1650	− 26	−17 44 2.52	−19.550	− 2
1335	[ψ Virginis]	4.91	M 3	12 51 26.232	+3.1199	− 17	− 9 14 6.64	−19.560	− 20
483	ε Ursae maj.	1.68	A 0 p	12 51 34.259	+2.6400	+134	+56 15 48.54	−19.546	− 9
484	δ Virginis	3.66	M 0	12 52 46.853	+3.0220	−314	+ 3 42 5.00	−19.571	− 57
486	8 Draconis	5.27	F 0	12 53 15.114	+2.3888	− 15	+65 44 30.78	−19.540	− 36
485	α Canum ven. *sq*	2.90	A 0 p	12 53 24.644	+2.8065	−201	+38 37 13.42	−19.450	+ 50
1336	[44 Virginis]	5.88	A 0	12 56 46.259	+3.0907	− 26	− 3 30 36.82	−19.426	+ 5
487	[δ Muscae]	3.63	K 2	12 58 23.265	+4.1229	+571	−71 14 50.57	−19.426	− 31
488	ε Virginis	2.95	K 0	12 59 23.295	+2.9864	−186	+11 15 35.06	−19.354	+ 19
1337	[14 Canum ven.]	5.11	B 9	13 3 7.448	+2.8055	− 26	+36 5 53.14	−19.271	+ 16
1338	[Grb 1956 C Ven]	5.72	K 0	13 3 21.254	+2.6993	− 18	+45 34 3.37	−19.257	+ 25
1339	[39 Comae]	6.04	F 5	13 3 37.445	+2.9237	− 55	+21 27 12.59	−19.321	− 46

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Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0ˢ.0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0".001
		m		h m s	s		° ′ ″	″	
489	[ξ² Centauri]	4.40	B 3	13 3 37.722	+3.5007	− 32	−49 36 24.09	−19.286	− 11
1340	[177 G. Centauri]	5.96	B 9	13 4 17.805	+3.5631	− 41	−53 9 37.59	−19.291	− 32
490	ϑ Virginis	4.46	A 0	13 7 2.834	+3.1063	− 23	− 5 14 25.71	−19.226	− 35
491	[17 Canum ven.]	6.05	F 0	13 7 29.028	+2.7550	− 64	+38 47 45.88	−19.142	+ 38
1341	[342 G. Hydrae]	6.48	A 3	13 8 36.133	+3.2636	− 41	−26 15 16.14	−19.157	− 6
492	β Comae	4.32	G 0	13 9 15.652	+2.7998	−604	+28 9 41.42	−18.257	+ 877
493	[η Muscae]	4.95	B 8	13 11 25.593	+4.0622	− 57	−67 35 54.22	−19.093	− 16
1342	[195 G. Centauri]	5.36	K 0	13 13 46.080	+3.3324	+ 30	−31 12 37.01	−19.065	− 52
1343	[196 G. Centauri]	5.87	A 3 p	13 13 58.406	+3.4771	− 10	−43 41 3.38	−19.021	− 13
1344	[σ Virginis]	5.01	M 0	13 14 46.508	+3.0295	− 5	+ 5 45 51.87	−18.972	+ 13
494	[20 Canum ven.]	4.66	F 0	13 15 2.019	+2.6903	−110	+40 52 1.04	−18.960	+ 18
1345	[61 Virginis]	4.80	G 5	13 15 28.214	+3.1382	−755	−18 0 1.27	−20.039	−1073
495	γ Hydrae	3.33	G 5	13 15 52.317	+3.2619	+ 53	−22 52 35.94	−19.003	− 49
496	ι Centauri	2.91	A 2	13 17 26.441	+3.3720	−281	−36 25 2.78	−18.996	− 87
1346	[23 Canum ven.]	5.69	K 0	13 17 48.498	+2.6885	− 53	+40 26 38.17	−18.908	− 10
1347	[J Centauri]	4.62	B 5	13 18 59.705	+3.8741	− 39	−60 41 43.01	−18.873	− 10
497	ζ Ursae maj. *pr*	2.40	A 2 p	13 21 40.424	+2.4159	+140	+55 13 2.36	−18.808	− 25
498	α Virginis	1.21	B 2	13 22 14.344	+3.1607	− 26	−10 52 10.62	−18.799	− 33
1348	[68 Virginis]	5.59	K 2	13 23 45.386	+3.1691	− 93	−12 25 0.73	−18.743	− 24
499	Grb 2001 UMin	6.07	K 5	13 24 42.183	+1.5291	+ 39	+72 40 54.95	−18.702	− 13
1349	[70 Virginis]	5.16	G 0	13 25 41.396	+2.9343	−164	+14 4 38.22	−19.237	− 580
1350	[+31°2493 CVen]	7.12	K 2	13 25 43.405	+2.7748	+ 2	+31 26 19.65	−18.659	− 2
500	69 H. Ursae maj.	5.41	A 0	13 26 23.902	+2.2020	−110	+60 14 4.34	−18.602	+ 33
1351	[78 Virginis]	4.93	A 2 p	13 31 17.519	+3.0403	+ 28	+ 3 56 45.30	−18.502	− 29
501	ζ Virginis	3.44	A 2	13 31 50.218	+3.0570	−190	− 0 18 37.07	−18.419	+ 36
502	17 H. Can. ven.	4.96	F 0	13 32 17.845	+2.6786	+ 68	+37 28 7.43	−18.450	− 12
1352	[80 Virginis]	5.75	K 0	13 32 36.283	+3.1211	+ 10	− 5 6 42.15	−18.355	+ 73
1353	[Grb 2017 C Ven]	6.63	A 5	13 32 51.136	+2.5537	− 21	+44 28 57.76	−18.407	+ 12
503	[49 G. Chamael.]	6.44	A 0	13 34 21.212	+5.1235	− 35	−75 23 57.05	−18.381	− 15
505	[Grb 2029 UMin]	5.67	K 0	13 35 49.999	+1.4401	− 89	+71 31 36.74	−18.321	− 5
504	ε Centauri	2.56	B 1	13 36 19.519	+3.7996	− 22	−53 10 56.30	−18.311	− 14
1354	[355 G. Hydrae]	6.42	A 0	13 38 25.065	+3.3107	− 7	−23 10 1.81	−18.220	+ 2
1355	[82 Virginis]	5.16	M 0	13 38 40.148	+3.1491	− 67	− 8 25 16.15	−18.179	+ 35
1356	[253 G. Centauri]	6.30	B 2	13 39 15.396	+3.9179	− 24	−56 29 9.28	−18.201	− 10
1357	[83 Virginis]	5.71	G 0	13 41 28.231	+3.2372	+ 9	−15 53 53.48	−18.121	− 12
506	[1 Centauri]	4.36	F 5	13 42 29.863	+3.4089	−363	−32 45 40.53	−18.220	− 150
1358	[3 Bootis]	5.91	F 5	13 44 7.285	+2.7857	− 16	+25 58 56.96	−18.073	− 64
507	τ Bootis	4.51	F 5	13 44 36.002	+2.8510	−338	+17 44 6.56	−17.957	+ 34
509	η Ursae maj.	1.91	B 3	13 45 20.126	+2.3643	−126	+49 35 31.97	−17.976	− 14
508	[μ Centauri]	3.32	B 2 p	13 46 13.968	+3.6131	− 19	−42 11 43.79	−17.951	− 24

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		m		h m s	s		° ' "	"	
510	89 Virginis	5.11	K o	13 46 49.408	+3.2597	— 70	—17 51 21.62	—17.947	— 43
1359	[+9° 2814 Bootis]	6.54	A o	13 46 57.190	+2.9803	— 10	+ 8 41 9.55	—17.898	0
511	[10 Draconis]	4.77	M o	13 49 47.709	+1.7519	— 4	+64 59 57.73	—17.795	— 9
513	η Bootis	2.80	G o	13 52 1.036	+2.8567	— 44	+18 40 39.64	—18.058	— 362
512	ζ Centauri	3.06	B 2 p	13 52 2.053	+3.7411	— 55	—47 0 48.34	—17.736	— 42
514	[294 G. Centauri]	4.68	K o	13 53 34.351	+4.3384	— 49	—63 24 47.16	—17.661	— 31
1360	[+32° 2411 C Ven]	6.29	F 2	13 53 41.358	+2.6604	—106	+32 18 18.82	—17.581	+ 45
515	[47 Hydrae]	5.17	B 8	13 55 22.243	+3.3665	— 32	—24 41 58.63	—17.583	— 28
1361	[48 Hydrae]	5.80	F o	13 56 51.570	+3.3592	—145	—24 44 16.52	—17.591	— 99
1362	[204 G. Virginis]	6.30	F 5	13 56 54.960	+3.1085	— 20	— 3 16 40.19	—17.558	— 68
517	11 Bootis	6.12	A 3	13 58 38.085	+2.7204	— 63	+27 39 22.74	—17.404	+ 12
516	τ Virginis	4.34	A 2	13 58 47.622	+3.0533	+ 11	+ 1 48 53.06	—17.433	— 24
1363	[ϑ Apodis]	5.5–6.7	M 3	13 59 48.249	+5.8353	—241	—76 31 40.35	—17.399	— 34
518	β Centauri	0.86	B 1	13 59 51.116	+4.2318	— 25	—60 6 13.64	—17.383	— 20
1364	[307 G. Centauri]	6.44	A op	14 0 2.088	+3.6534	— 40	—41 9 15.46	—17.387	— 32
1365	[210 G. Virginis]	6.36	K o	14 1 24.774	+3.2478	— 26	—14 42 12.30	—17.318	— 24
521	α Draconis	3.64	A op	14 2 52.216	+1.6241	— 89	+64 38 34.77	—17.217	+ 13
519	[π Hydrae]	3.48	K o	14 3 10.545	+3.4164	+ 34	—26 24 48.41	—17.360	— 144
1366	[94 Virginis]	6.56	A o	14 3 19.602	+3.1772	+ 1	— 8 37 30.77	—17.191	+ 18
520	ϑ Centauri	2.26	K o	14 3 22.690	+3.5301	—427	—36 5 43.24	—17.729	— 522
1367	[+39° 2720 C Ven]	7.90	K o	14 4 5.588	+2.5227	+ 9	+38 41 2.01	—17.182	— 7
1368	[9 H. Bootis]	5.44	M 3	14 5 41.445	+2.3982	+ 7	+44 7 12.61	—17.132	— 29
522	12 d Bootis	4.82	F 5	14 7 50.649	+2.7362	— 18	+25 21 22.20	—17.068	— 64
524	4 Ursae min.	5.00	K o	14 9 1.956	—0.2384	—108	+77 48 38.19	—16.921	+ 28
523	ϰ Virginis	4.31	K o	14 9 54.249	+3.2004	+ 5	—10 0 50.30	—16.772	+ 135
525	ι Virginis	4.16	F 5	14 13 4.460	+3.1461	— 7	— 5 44 2.89	—17.185	— 428
526	α Bootis	0.24	K o	14 13 6.343	+2.7364	—775	+19 28 23.48	—18.753	—1998
528	[ι Bootis]	4.87	A 5	14 14 10.933	+2.1244	—163	+51 37 29.71	—16.615	+ 89
527	λ Bootis	4.26	A o	14 14 15.295	+2.2807	—182	+46 20 41.18	—16.542	+ 158
1369	[236 G. Virginis]	5.74	A op	14 15 32.098	+3.3173	— 46	—18 27 27.50	—16.680	— 42
1370	[A Bootis]	4.83	K o	14 15 37.732	+2.5358	— 3	+35 46 1.66	—16.622	+ 12
1371	[λ Virginis]	4.60	A 2	14 16 4.489	+3.2462	— 12	—13 6 51.48	—16.588	+ 24
529	[υ Centauri]	4.41	B 5	14 16 23.761	+4.1873	— 22	—56 7 46.66	—16.609	— 14
1372	[18 Bootis]	5.31	F o	14 16 33.554	+2.9035	+ 71	+13 15 42.35	—16.622	— 34
1373	[ψ Centauri]	4.17	A o	14 17 8.488	+3.6478	— 58	—37 37 43.34	—16.569	— 10
1374	[2 Librae]	6.30	K o	14 20 24.540	+3.2282	— 8	—11 27 33.31	—16.460	— 63
530	[10 G. Circini]	5.71	A 2 p	14 20 25.724	+4.9681	— 23	—67 56 31.35	—16.408	— 14
1375	[244 G. Virginis]	5.08	A 3	14 21 23.973	+2.9855	— 54	+ 6 4 23.75	—16.341	+ 5
1376	[3 G. Librae]	5.39	K o	14 21 36.525	+3.4229	— 40	—24 33 11.64	—16.362	— 27
1377	[τ¹ Lupi]	4.65	B 3	14 22 31.845	+3.8496	— 14	—44 58 8.99	—16.304	— 15

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		m		h m s	s		° ' "	"	
531	ϑ Bootis	4.06	F 8	14 23 17.364	+2.0422	— 261	+52 6 32.16	—16.651	— 401
1378	[22 Bootis]	5.36	A 5	14 23 50.983	+2.7904	— 52	+19 28 39.91	—16.200	+ 21
532	[52 Hydrae]	5.00	B 8	14 24 53.185	+3.5135	— 18	—29 14 27.64	—16.194	— 26
533	[φ Virginis]	4.99	K o	14 25 18.820	+3.0914	— 92	— 1 58 40.37	—16.150	— 4
1379	[5 Ursae min.]	4.37	K 2	14 27 36.943	—0.1300	+ 12	+75 56 41.84	—16.007	+ 21
534	ρ Bootis	3.78	K o	14 29 24.935	+2.5854	— 79	+30 36 59.02	—15.814	+ 117
535	γ Bootis	3.00	F o	14 29 49.348	+2.4157	— 98	+38 33 8.66	—15.760	+ 149
536	[Grb 2125 Draco]	6.18	F o	14 30 11.408	+1.6283	— 72	+60 28 18.39	—15.876	+ 14
537	η Centauri	2.65	B 3 p +A 2 p	14 31 56.451	+3.8086	— 30	—41 54 46.76	—15.830	— 35
1380	[σ Bootis]	4.48	F o	14 32 14.479	+2.6124	+ 146	+29 59 15.04	—15.652	+ 128
1381	[10 G. Librae]	6.24	F 8	14 34 0.770	+3.1920	— 591	—12 4 6.11	—15.323	+ 361
538	*α Centauri	0.33 1.70	G o K 5	14 35 46.842	+4.0760	—4885	—60 36 20.05	—14.877	+ 710
540	[33 Bootis]	5.39	A o	14 36 45.128	+2.2324	— 68	+44 38 43.78	—15.553	— 20
539	[α Circini]	3.42	F o	14 37 57.276	+4.8445	— 295	—64 43 58.18	—15.703	— 237
541	[α Lupi]	2.89	B 2	14 38 11.593	+3.9890	— 16	—47 8 56.45	—15.472	— 19
1382	32 Bootis	5.63	G 5	14 39 1.974	+2.8823	— 108	+11 54 3.11	—15.525	— 118
545	μ Virginis	3.95	F 5	14 40 6.313	+3.1618	+ 71	— 5 24 57.00	—15.668	— 322
544	[371 G. Centauri]	4.13	K o	14 40 13.424	+3.6687	— 52	—34 56 1.38	—15.525	— 186
542	α Apodis	3.81	K 5	14 40 48.301	+7.4342	— 8	—78 48 33.88	—15.326	— 21
1383	[34 Bootis]	4.93	M o	14 40 57.632	+2.6368	— 10	+26 45 53.96	—15.317	— 19
1384	[+33°2489 Boot]	6.47	M o	14 42 53.072	+2.5096	+ .30	+33 1 28.47	—15.271	— 82
546	[30 G. Lupi]	5.20	K o	14 43 5.373	+4.1939	— 24	—52 8 52.12	—15.259	— 83
547	109 Virginis	3.76	A o	14 43 24.891	+3.0333	— 74	+ 2 7 40.00	—15.190	— 31
1385	[56 Hydrae]	5.39	G 5	14 44 28.268	+3.5023	+ 32	—25 51 13.71	—15.099	— 1
1386	[Grb 2152 Boot]	5.98	F o	14 46 54.737	+2.3553	— 220	+38 2 28.04	—14.849	+ 108
1387	[α¹ Librae]	5.33	F 5	14 47 35.047	+3.3182	— 69	—15 45 56.24	—14.993	— 75
548	α² Librae	2.90	A 3	14 47 46.533	+3.3188	— 73	—15 48 36.82	—14.977	— 71
549	Grb 2164 Draco	5.67	K 2	14 50 0.889	+1.5225	— 167	+59 31 15.43	—14.642	+ 134
550	β Ursae min.	2.24	K 5	14 50 50.698	—0.1776	— 84	+74 23 3.84	—14.718	+ 9
1388	[+6°2957 Virgo]	6.69	K o	14 50 53.369	+2.9685	— 19	+ 6 28 10.50	—14.715	+ 8
1389	[381 G. Centauri]	5.34	A o	14 52 18.012	+3.6824	+ 21	—33 37 46.64	—14.644	— 5
551	Pi 14ʰ221 Boot	5.77	A o	14 53 34.506	+2.8318	— 10	+14 40 17.63	—14.567	— 4
1390	[ξ² Librae]	5.63	K o	14 53 43.498	+3.2552	+ 4	—11 11 5.46	—14.549	+ 4
1391	[33 G. Librae]	6.00	K 5	14 54 11.397	+3.5039	+ 742	—21 9 50.88	—16.265	—1740
1392	[Pi 14ʰ227 Boot]	6.24	A o	14 54 32.136	+2.7037	— 10	+21 46 49.16	—14.530	— 25
1393	[Br 1908 Virgo]	5.71	K o	14 54 40.768	+3.0765	+ 42	+ 0 3 25.16	—14.523	— 27
552	β Lupi	2.81	B 2 p	14 54 51.188	+3.9280	— 37	—42 54 34.80	—14.526	— 41
553	[κ Centauri]	3.35	B 3	14 55 30.494	+3.9023	— 15	—41 52 50.91	—14.473	— 28
554	[2 H. Ursae min.]	4.86	M 3	14 56 41.077	+0.9529	— 138	+66 9 18.21	—14.350	+ 26
1394	[δ Librae]	4.8–5.9	A o	14 57 58.573	+3.2054	— 44	— 8 17 52.41	—14.304	— 8

Nr. 538. Ort des Schwerpunktes. Die Reduktion auf den Ort des helleren Sternes beträgt nach den Elementen von **Finsen**, Union Observ. Circular 68, 1926:

$$1944.0 \quad \Delta\alpha = -0.^{s}045 \quad \Delta\delta = -3.''66$$
$$1945.0 \quad \quad = -0.079 \quad \quad = -3.93$$

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.ˢ0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.″001
		m		h m s	s		° ′ ″	″	
555	β Bootis	3.63	G 5	14 59 50.113	+2.2596	− 40	+40 36 37.99	−14.215	− 33
556	σ Librae	3.41	M 3	15 0 47.173	+3.5114	− 53	−25 3 47.43	−14.170	− 48
557	ψ Bootis	4.67	K o	15 2 2.670	+2.5707	−133	+27 9 53.99	−14.053	− 9
1395	[47 Bootis]	5.59	A o	15 3 34.456	+1.9870	− 68	+48 21 59.72	−13.920	+ 29
1397	[+55° 1730 Boot]	5.21	G 5	15 4 40.578	+1.7133	+ 51	+54 46 16.23	−13.871	+ 9
1396	[45 Bootis]	5.03	F o	15 4 50.392	+2.6351	+135	+25 5 10.32	−14.043	−174
1398	[κ¹ Lupi]	4.14	B 9	15 8 1.731	+4.1691	−100	−48 31 34.96	−13.717	− 51
558	ζ Lupi	3.50	K o	15 8 14.876	+4.3084	−121	−51 53 15.38	−13.718	− 67
559	[ι Librae]	4.66	A o p	15 9 1.421	+3.4196	− 27	−19 34 51.89	−13.644	− 42
1399	[1 Lupi]	4.95	F o	15 11 11.058	+3.6752	− 2	−31 18 41.12	−13.465	− 2
562	[3 Serpentis]	5.44	K o	15 12 24.152	+2.9822	− 14	+ 5 8 45.89	−13.382	+ 1
561	[β Circini]	4.16	A 3	15 13 6.688	+4.6944	−126	−58 35 37.59	−13.474	−138
563	δ Bootis	3.54	K o	15 13 14.607	+2.4188	+ 66	+33 31 21.75	−13.447	−118
560	γ Triang. austr.	3.06	A o	15 13 39.016	+5.5972	−105	−68 28 28.71	−13.327	− 27
565	1 H. Ursae min.	5.23	G o	15 13 59.104	+0.6875	+371	+67 33 32.83	−13.672	−391
564	β Librae	2.74	B 8	15 13 59.359	+3.2283	− 66	− 9 10 39.17	−13.302	− 23
1400	[Pi 15ʰ 36 Serp]	5.66	G 5	15 15 53.750	+2.6899	− 9	+20 46 35.08	−13.178	− 23
1401	[+10° 2823 Serp]	6.71	F 8	15 16 0.598	+2.8775	− 63	+10 37 51.04	−13.146	+ 1
1402	[δ Lupi]	3.43	B 2	15 17 41.215	+3.9371	− 13	−40 26 46.30	−13.062	− 27
566	φ¹ Lupi	3.59	K 5	15 18 14.643	+3.8059	− 79	−36 3 34.69	−13.085	− 87
1403	[φ² Lupi]	4.69	B 3	15 19 34.173	+3.8325	− 14	−36 39 32.75	−12.935	− 25
1404	[73 G. Librae]	6.78	K o	15 19 35.966	+3.5850	+ 24	−26 29 23.62	−12.916	− 8
1405	[30 Librae]	6.74	K 2	15 19 54.077	+3.3460	− 2	−14 56 7.92	−12.877	+ 11
569	γ Ursae min.	3.14	A 2	15 20 47.925	−0.0971	− 48	+72 1 59.88	−12.811	+ 19
1406	[8 Serpentis]	6.10	F o	15 20 50.285	+3.0929	+ 49	− 0 49 25.96	−12.857	− 31
568	μ Bootis *pr*	4.47	F o	15 22 22.402	+2.2665	−124	+37 34 21.28	−12.639	+ 83
570	[τ¹ Serpentis]	5.46	M o	15 23 11.417	+2.7825	− 12	+15 37 25.49	−12.681	− 14
571	ι Draconis	3.47	K o	15 23 40.744	+1.3343	− 16	+59 9 41.85	−12.621	+ 13
1407	[32 Librae]	5.92	K o	15 25 5.599	+3.3835	+ 10	−16 31 21.40	−12.573	− 36
567	[κ¹ Apodis]	5.65	B 5 p	15 25 21.887	+6.5312	+ 15	−73 11 52.81	−12.550	− 34
572	β Coronae bor.	3.72	F o p	15 25 31.106	+2.4736	−138	+29 17 51.72	−12.426	+ 82
1408	[+9° 3055 Serp]	6.46	F 2	15 28 12.156	+2.9130	+ 24	+ 8 46 9.95	−12.326	− 2
573	ν¹ Bootis	5.15	K 5	15 28 54.956	+2.1549	+ 7	+41 1 23.07	−12.282	− 7
576	[ϑ Coronae bor.]	4.17	B 5	15 30 40.180	+2.4190	− 19	+31 32 49.28	−12.171	− 18
1409	[37 Librae]	4.83	K o	15 31 6.782	+3.2789	+204	− 9 52 26.26	−12.363	−241
574	[ε Triang. austr.]	4.11	K o	15 31 34.153	+5.4864	+ 45	−66 7 51.45	−12.158	− 69
578	α Coronae bor.	2.31	A o	15 32 18.911	+2.5402	+ 90	+26 54 7.48	−12.130	− 91
1410	115 G. Lupi	5.47	K 5	15 32 21.326	+4.1079	− 48	−44 12 38.16	−12.079	− 44
577	γ Librae	4.02	K o	15 32 23.335	+3.3560	+ 43	−14 36 15.14	−12.031	+ 1
579	[υ Librae]	3.78	K 2	15 33 37.111	+3.6421	− 4	−27 57 3.80	−11.949	− 2

Mittlere Sternörter 1944.0

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.0001 s	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.″001
		m		h m s	s		° ′ ″	″	
1411	[2 G. Normae]	5.48	A 0	15 34 38.998	+4.4566	− 39	−52 11 22.98	−11.913	− 40
580	[φ Bootis]	5.41	G 5	15 35 48.818	+2.1545	+ 52	+40 32 5.20	−11.737	+ 56
1412	[Pi 15ʰ153 Boot]	5.78	F 0	15 36 28.458	+1.9211	+ 81	+46 58 53.11	−11.873	− 126
1413	[κ Librae]	4.96	K 5	15 38 42.891	+3.4566	− 27	−19 29 55.76	−11.697	− 111
582	α Serpentis	2.75	K 0	15 41 30.426	+2.9551	+ 92	+ 6 36 1.93	−11.341	+ 45
583	β Serpentis	3.74	A 2	15 43 36.062	+2.7691	+ 48	+15 35 45.03	−11.283	− 48
587	[12 H. Draconis]	5.13	A 2	15 45 48.337	+0.9138	+ 48	+62 46 19.77	−11.137	− 61
590	ζ Ursae min.	4.34	A 2	15 46 0.699	−2.1485	+ 52	+77 58 3.52	−11.067	− 4
584	κ Serpentis	4.28	K 5	15 46 13.021	+2.7007	− 34	+18 18 48.00	−11.134	− 89
585	μ Serpentis	3.63	A 0	15 46 41.668	+3.1310	− 58	− 3 15 36.85	−11.038	− 28
586	[χ Lupi]	4.11	B 9	15 47 23.577	+3.8117	− 8	−33 27 29.47	−10.991	− 32
588	ε Serpentis	3.75	A 2	15 48 1.305	+2.9906	+ 85	+ 4 38 41.96	−10.850	+ 63
1414	[κ Coronae bor.]	4.77	K 0	15 49 7.204	+2.2605	− 10	+35 49 48.13	−11.185	− 353
1415	[λ Librae]	5.06	B 3	15 50 4.707	+3.4829	− 7	−20 0 4.16	−10.790	− 28
589	β Triang. austr.	3.04	F 0	15 50 11.247	+5.2833	−282	−63 15 35.69	−11.145	− 393
1416	[χ Herculis]	4.61	G 0	15 50 44.232	+2.0738	+393	+42 36 26.25	−10.086	+ 628
591	[γ Serpentis]	3.86	F 5	15 53 51.840	+2.7712	+212	+15 50 35.16	−11.767	−1286
1417	[48 Librae]	4.68	B 3p	15 55 2.943	+3.3596	− 10	−14 7 9.54	−10.414	− 22
593	ε Coronae bor.	4.22	K 0	15 55 16.019	+2.4837	− 61	+27 2 19.95	−10.440	− 64
592	[π Scorpii]	3.00	B 2	15 55 27.521	+3.6293	− 6	−25 57 15.83	−10.386	− 25
1418	[144 G. Lupi]	5.07	G 5	15 55 40.966	+4.0866	− 22	−41 35 7.11	−10.354	− 10
595	[Grb 2296 Draco]	4.96	A 5	15 56 27.440	+1.4226	−185	+54 54 26.20	−10.182	+ 106
594	δ Scorpii	2.54	B 0	15 57 1.037	+3.5475	− 5	−22 27 49.99	−10.271	− 27
1419	[49 Librae]	5.53	F 8	15 57 10.752	+3.3666	−441	−16 22 11.67	−10.629	− 397
1420	[50 Librae]	5.55	A 0	15 57 45.997	+3.2390	− 12	− 8 15 15.97	−10.206	− 18
598	ϑ Draconis	4.11	F 8	16 0 50.093	+1.1236	−413	+58 42 51.35	− 9.622	+ 335
597	β Scorpii *pr*	2.90	B 1	16 2 10.578	+3.4885	− 2	−19 39 13.37	− 9.876	− 22
596	[δ Normae]	4.84	A 3p	16 2 31.448	+4.2391	+ 4	−45 1 22.86	− 9.796	+ 31
599	[ϑ Lupi]	4.33	B 3	16 2 54.455	+3.9388	− 17	−36 39 5.67	− 9.833	− 36
1421	[κ Herculis *pr*]	5.34	G 5	16 5 32.736	+2.7077	− 25	+17 11 41.29	− 9.608	− 11
1422	[+6° 3169 Serp]	6.02	G 5	16 6 25.572	+2.9542	+157	+ 6 32 13.54	−10.253	− 724
1423	[τ Coronae bor.]	4.94	K 0	16 6 55.305	+2.1933	− 48	+36 37 55.33	− 9.167	+ 325
601	[φ Herculis]	4.26	B 9p	16 7 0.165	+1.8900	− 28	+45 4 50.89	− 9.451	+ 35
600	[κ Normae]	5.09	K 0	16 9 2.951	+4.7295	− 11	−54 29 15.49	− 9.351	− 26
602	[δ Triang. austr.]	4.03	G 0	16 10 19.337	+5.4581	+ 10	−63 32 41.81	− 9.241	− 15
603	δ Ophiuchi	3.03	M 0	16 11 24.464	+3.1439	− 31	− 3 33 5.80	− 9.289	− 146
1424	[δ¹ Apodis]	4.78	M 3	16 11 54.229	+8.9539	− 23	−78 33 31.01	− 9.138	− 37
606	19 Ursae min.	5.51	B 8	16 12 23.448	−1.7139	− 15	+76 1 9.72	− 9.056	+ 13
1425	[17 Herculis]	6.59	K 0	16 13 53.312	+2.5581	− 12	+23 15 38.47	− 8.964	− 14
605	ε Ophiuchi	3.34	K 0	16 15 21.302	+3.1743	+ 55	− 4 33 26.83	− 8.796	+ 39

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.s0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0."001
		m		h m s	s		° ' "	"	
604	γ² Normae	4.14	K 0	16 15 38.375	+4.4875	−170	−50 1 12.51	−8.865	− 54
1426	[55 G. Scorpii *sq*]	5.69	F 2	16 15 59.840	+3.7950	+ 66	−30 46 21.23	−8.763	+ 21
607	[σ Scorpii]	3.10	B 1	16 17 46.780	+3.6465	− 7	−25 27 36.35	−8.668	− 24
608	τ Herculis	3.91	B 5	16 18 3.305	+1.8033	− 12	+46 26 45.06	−8.586	+ 37
612	[η Ursae min.]	5.04	F 0	16 19 6.804	−1.7565	−229	+75 53 6.42	−8.292	+250
1427	[σ Serpentis]	4.80	F 0	16 19 14.006	+3.0381	−106	+ 1 9 33.20	−8.480	+ 50
609	γ Herculis	3.79	F 0	16 19 26.854	+2.6464	− 35	+19 17 0.16	−8.469	+ 44
1428	[23 Herculis]	6.30	A 2	16 20 47.358	+2.3024	+ 9	+32 27 45.23	−8.417	− 10
1429	[21 Herculis]	5.72	A 0	16 21 26.990	+2.9223	− 1	+ 7 4 34.73	−8.336	+ 18
610	[ζ Triang. austr.]	4.93	G 0	16 22 25.172	+6.4504	+403	−69 57 39.64	−8.169	+104
613	[ω Herculis]	4.53	A 0 p	16 22 49.742	+2.7686	+ 27	+14 9 39.13	−8.303	− 59
614	[Grb 2343 Draco]	5.66	A 2	16 23 11.627	+1.3123	+ 13	+55 19 54.33	−8.199	+ 17
611	γ Apodis	3.90	K 0	16 24 47.557	+9.1945	−408	−78 46 31.54	−8.150	− 67
616	α Scorpii	1.22	M 0 + A 3	16 25 58.171	+3.6788	− 2	−26 18 33.95	−8.015	− 23
1430	[22 G. Ophiuchi]	5.75	G 0	16 26 36.744	+3.3909	+ 20	−14 25 45.94	−7.924	+ 16
1431	[N Scorpii]	4.33	B 3	16 27 43.023	+3.9203	− 6	−34 35 2.79	−7.867	− 15
618	β Herculis	2.81	K 0	16 27 48.630	+2.5789	− 72	+21 36 37.30	−7.861	− 16
619	A Draconis	4.98	B 8 p	16 28 4.883	−0.1182	− 53	+68 53 21.62	−7.790	+ 34
1432	Pi 16h 140 Draco	5.85	A 0	16 31 37.817	+0.8470	+ 18	+60 56 24.68	−7.551	− 13
621	σ Herculis	4.25	A 0	16 32 17.725	+1.9340	− 12	+42 33 5.65	−7.440	+ 43
620	[τ Scorpii]	2.91	B 0	16 32 23.493	+3.7347	− 5	−28 6 5.67	−7.499	− 25
623	[Grb 2373 U Min]	6.39	G 5	16 33 1.156	−2.5846	−326	+77 33 33.00	−7.153	+274
1433	[12 Ophiuchi]	5.87	K 0	16 33 24.765	+3.1512	+302	− 2 12 23.88	−7.707	−315
622	ζ Ophiuchi	2.70	B 0	16 34 4.316	+3.3035	+ 8	−10 27 18.96	−7.314	+ 24
1434	[42 Herculis]	5.14	M 0	16 37 13.495	+1.6286	− 48	+49 2 13.64	−7.049	+ 32
624	[Br 2114 Ophi]	5.04	K 0	16 38 19.814	+3.4697	− 16	−17 38 7.64	−6.993	− 3
626	η Herculis	3.61	K 0	16 40 58.445	+2.0567	+ 29	+39 1 39.91	−6.857	− 83
625	α Triang. austr.	1.88	K 2	16 42 42.947	+6.3513	+ 51	−68 55 40.07	−6.660	− 33
627	Grb 2377 Draco	4.88	F 0	16 44 13.825	+1.1376	+ 17	+56 52 53.00	−6.441	+ 65
1436	[19 Ophiuchi]	6.04	A 2	16 44 20.165	+3.0238	− 16	+ 2 9 50.56	−6.507	− 12
1435	[η Arae]	3.68	K 5	16 44 56.284	+5.1787	+ 43	−58 56 37.56	−6.474	− 30
1437	[−21° 4422 Ophi]	7.60	M 0	16 46 14.371	+3.5783	− 8	−21 45 20.46	−6.358	− 20
628	ε Scorpii	2.36	K 0	16 46 31.892	+3.8858	−490	−34 11 36.12	−6.565	−252
1438	[20 Ophiuchi]	4.73	F 5	16 46 43.951	+3.3189	+ 63	−10 41 8.21	−6.394	− 97
1439	[μ¹ Scorpii]	3.09	B 3 p	16 48 4.293	+4.0638	− 8	−37 57 11.64	−6.213	− 28
1440	[51 Herculis]	5.20	K 0	16 49 25.869	+2.4870	+ 9	+24 44 57.75	−6.064	+ 9
629	49 Herculis	6.41	A 0 p	16 49 31.739	+2.7313	+ 10	+15 4 0.51	−6.062	+ 3
1441	[53 Herculis]	5.35	F 0	16 50 50.492	+2.2745	− 78	+31 47 35.46	−5.975	− 19
1442	[ι Ophiuchi]	4.29	B 8	16 51 21.366	+2.8386	− 35	+10 15 22.03	−5.949	− 37
1443	[51 G. Apodis]	7.00	F 8	16 53 10.252	+8.2479	− 98	−76 7 53.58	−5.905	−149

Nr	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0ˢ.0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0".001
		m		h m s	s		° ' "	"	
1444	24 G. Arae	5.70	B 9	16 53 58.165	+4.6291	− 14	−50 33 17.34	−5.736	− 44
631	ζ Arae	3.06	K 5	16 53 58.620	+ 4.9638	− 20	−55 54 14.26	−5.723	− 33
633	κ Ophiuchi	4.1-5.0	K 0	16 55 0.924	+ 2.8395	−199	+ 9 27 38.44	−5.614	− 8
632	[ε¹ Arae]	4.15	K 2	16 55 6.740	+ 4.7806	0	−53 4 35.59	−5.578	+ 17
1445	[30 Ophiuchi]	5.00	K 0	16 58 6.229	+ 3.1630	− 34	− 4 8 24.86	−5.424	− 78
634	ε Herculis	3.92	A 0	16 58 8.694	+ 2.2951	− 40	+31 0 27.82	−5.314	+ 28
1446	[59 Herculis]	5.27	A 2	16 59 32.187	+ 2.2141	− 4	+33 38 53.30	−5.229	− 4
635	[60 Herculis]	4.91	A 3	17 2 46.751	+ 2.7819	+ 33	+12 48 58.83	−4.959	− 9
1448	[Pi 16ʰ 307 Herc]	6.36	A 0	17 3 22.465	+ 1.8269	0	+43 53 14.48	−4.901	− 1
1447	[80 G. Ophiuchi]	6.20	A 0	17 3 24.813	+ 3.7177	+ 2	−26 26 20.50	−4.915	− 19
1449	85 G. Ophiuchi	6.14	K 0	17 4 59.548	+ 3.4835	+ 2	−17 32 11.68	−4.797	− 35
636	[Grb 2415 Herc]	6.27	A 2	17 5 56.982	+ 1.9567	− 34	+40 35 17.63	−4.715	− 33
1450	[88 G. Ophiuchi]	5.58	F 5	17 6 42.026	+ 3.3168	+ 38	−10 27 6.24	−4.718	− 101
638	[η Scorpii]	3.44	F 2	17 8 8.225	+ 4.2968	+ 22	−43 10 2.41	−4.777	− 283
639	ζ Draconis	3.22	B 5	17 8 37.135	+ 0.1735	− 32	+65 47 0.62	−4.434	+ 21
1451	[97 G. Ophiuchi]	6.39	K 0	17 9 3.063	+ 2.8927	+ 18	+ 7 57 41.24	−4.406	+ 11
641	δ Herculis	3.16	A 2	17 12 43.768	+ 2.4641	− 18	+24 54 14.20	−4.261	− 158
643	π Herculis	3.36	K 5	17 13 5.679	+ 2.0893	− 25	+36 52 16.30	−4.068	+ 4
1452	[139 G. Scorpii]	5.55	F 5	17 13 24.846	+ 3.9026	− 76	−32 36 5.15	−4.096	− 53
1453	[U Ophiuchi]	5.7–6.4	B 8	17 13 41.085	+ 3.0437	− 5	+ 1 16 17.02	−4.037	− 16
642	[ι Apodis]	5.60	B 8	17 15 50.358	+ 6.6911	+ 12	−70 4 3.06	−3.848	− 14
1454	Pi 17ʰ 68 Herc	5.17	M 0	17 17 50.660	+ 2.6436	+ 2	+18 6 48.02	−3.718	− 54
1456	[72 Herculis]	5.36	G 0	17 18 33.689	+ 2.2442	+ 97	+32 32 18.89	−4.645	−1043
644	ϑ Ophiuchi	3.37	B 3	17 18 34.046	+ 3.6844	− 2	−24 56 43.57	−3.622	− 21
645	β Arae	2.80	K 2	17 20 38.319	+ 4.9866	− 7	−55 28 45.56	−3.446	− 25
1455	[59 G. Apodis]	5.93	M 3	17 20 56.539	+11.2185	+ 25	−80 48 45.38	−3.433	− 41
1457	[44 Ophiuchi]	4.28	F 0	17 22 56.840	+ 3.6638	0	−24 7 32.12	−3.340	− 116
1458	[138 G.Ophiuchi]	6.31	F 5	17 23 3.347	+ 3.1149	+ 48	− 1 36 16.21	−3.167	+ 47
647	[27 H. Ophiuchi]	4.61	F 0	17 23 39.451	+ 3.1831	− 64	− 5 2 19.31	−3.207	− 44
1459	[σ Ophiuchi]	4.44	K 0	17 23 44.029	+ 2.9765	− 1	+ 4 11 14.96	−3.150	+ 6
646	[45 Ophiuchi]	4.37	F 5	17 23 46.520	+ 3.8309	+ 15	−29 49 5.65	−3.293	− 141
650	[77 Herculis]	5.81	A 2	17 25 15.026	+ 1.5899	− 4	+48 18 22.30	−3.033	− 7
648	δ Arae	3.79	B 8	17 26 2.241	+ 5.4158	− 66	−60 38 22.47	−3.044	− 88
649	[υ Scorpii]	2.80	B 3	17 26 57.180	+ 4.0788	0	−37 15 11.14	−2.908	− 31
651	α Arae	2.97	B 3p	17 27 30.510	+ 4.6376	− 28	−49 50 2.39	−2.901	− 72
1460	[λ Herculis]	4.48	K 0	17 28 28.397	+ 2.4243	+ 11	+26 9 5.76	−2.728	+ 18
653	β Draconis	2.99	G 0	17 29 9.894	+ 1.3553	− 21	+52 20 31.68	−2.675	+ 13
652	λ Scorpii	1.71	B 2	17 29 48.163	+ 4.0737	0	−37 3 53.66	−2.658	− 28
655	[ν¹ Draconis]	4.98	A 5	17 31 4.214	+ 1.1808	+165	+55 13 18.80	−2.469	+ 54
657	[ν² Draconis]	4.95	A 5	17 31 9.641	+ 1.1819	+168	+55 12 37.55	−2.462	+ 53

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.s0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.″001
		m		h m s	s		° ′ ″	″	
1462	[Grb 2444 Herc]	5.82	K 0	17 31 20.521	+1.9021	− 71	+41 16 55.27	−2.562	− 64
1461	[−11° 4411 Serp]	5.68	B 8	17 31 39.318	+3.3348	− 10	−11 12 20.47	−2.465	+ 6
659	[27 Draconis]	5.21	K 0	17 32 10.990	−0.2410	− 29	+68 10 14.96	−2.293	+134
656	α Ophiuchi	2.14	A 5	17 32 19.992	+2.7847	+ 80	+12 35 57.68	−2.638	−226
654	ϑ Scorpii	2.04	F 0	17 33 17.492	+4.3107	+ 15	−42 57 51.16	−2.325	+ 3
658	ξ Serpentis	3.64	A 5	17 34 22.659	+3.4349	− 32	−15 21 54.20	−2.295	− 61
664	ω Draconis	4.87	F 5	17 37 16.467	−0.3517	+ 2	+68 47 2.52	−1.661	+323
663	ι Herculis	3.79	B 3	17 37 52.910	+1.6933	− 9	+46 2 6.82	−1.926	+ 4
660	[ϰ Scorpii]	2.51	B 2	17 38 36.638	+4.1501	− 5	−39 0 11.44	−1.893	− 28
662	[μ Arae]	5.26	G 5	17 39 41.657	+4.7628	− 21	−51 48 23.17	−1.958	−188
1463	[58 Ophiuchi]	4.89	F 5	17 40 4.327	+3.5951	− 67	−21 39 28.13	−1.786	− 48
661	η Pavonis	3.58	K 0	17 40 13.933	+5.8890	− 4	−64 41 59.30	−1.773	− 50
665	β Ophiuchi	2.94	K 0	17 40 42.261	+2.9635	− 28	+ 4 35 20.90	−1.525	+159
670	ψ Draconis *pr*	4.90	F 5	17 42 55.712	−1.0674	+ 38	+72 10 36.79	−1.759	−267
666	[ι¹ Scorpii]	3.14	F 5 p	17 43 39.919	+4.1960	+ 2	−40 6 26.32	−1.428	− 4
1464	[X Sagittarii]	4.4–5.0	F 8 v	17 44 1.988	+3.7761	− 2	−27 48 40.84	−1.402	− 9
667	μ Herculis	3.48	G 5	17 44 15.889	+2.3479	−238	+27 45 8.26	−2.117	−744
668	[γ Ophiuchi]	3.74	A 0	17 45 4.977	+3.0080	− 16	+ 2 43 36.58	−1.373	− 71
1465	[+20° 3570 Herc]	5.77	K 0	17 46 0.467	+2.5732	+ 9	+20 34 57.49	−1.221	0
669	[G Scorpii]	3.25	K 2	17 46 2.683	+4.0843	+ 51	−37 1 38.57	−1.182	+ 34
1466	[+9° 3485 Ophi]	6.79	K 5	17 47 30.089	+2.8385	− 27	+ 9 51 50.33	−1.142	− 52
1467	[−7° 4523 Ophi]	6.87	G 5	17 51 55.497	+3.2508	− 35	− 7 43 27.22	−0.761	− 57
675	35 Draconis	5.04	F 5	17 51 57.093	−2.6869	+110	+76 58 17.89	−0.460	+246
671	ξ Draconis	3.90	K 0	17 52 33.494	+1.0370	+110	+56 52 51.04	−0.574	+ 76
1468	[89 Herculis]	5.48	F 5 p	17 53 9.515	+2.4199	− 2	+26 3 27.58	−0.590	+ 6
672	ϑ Herculis	3.99	K 0	17 54 19.841	+2.0571	− 1	+37 15 24.59	−0.488	+ 6
676	γ Draconis	2.42	K 5	17 55 18.225	+1.3927	− 13	+51 29 41.10	−0.430	− 20
674	[ξ Herculis]	3.82	K 0	17 55 35.224	+2.3312	+ 62	+29 15 9.61	−0.403	− 19
673	ν Ophiuchi	3.50	K 0	17 55 56.515	+3.3025	− 6	− 9 46 6.43	−0.472	−120
1469	[93 Herculis]	4.71	K 0	17 57 33.757	+2.6705	− 5	+16 45 9.66	−0.222	− 11
677	67 Ophiuchi	3.95	B 5 p	17 57 50.312	+3.0044	− 4	+ 2 55 57.66	−0.197	− 10
1470	[6 Sagittarii]	6.31	K 2	17 58 7.777	+3.4855	− 2	−17 9 23.40	−0.168	− 7
679	γ Sagittarii	3.07	K 0	18 2 12.553	+3.8538	− 41	−30 25 35.97	+0.011	−185
1471	[ϑ Arae]	3.90	B 1 p	18 2 16.199	+4.6696	− 14	−50 5 50.83	+0.184	− 18
678	[66 G. Apodis]	5.69	K 5	18 3 25.741	+8.3953	+ 44	−75 53 48.17	+0.027	−279
680	72 Ophiuchi	3.73	A 3	18 4 41.594	+2.8440	− 43	+ 9 33 15.93	+0.495	+ 82
681	o Herculis	3.83	A 0	18 5 21.377	+2.3399	− 3	+28 45 12.84	+0.479	+ 9
1472	[−13° 4863 Serp]	6.50	K 0	18 6 32.505	+3.4049	+ 1	−13 56 43.49	+0.576	+ 1
1473	[ε Telescopii]	4.60	K 0	18 7 4.291	+4.4530	− 15	−45 57 58.45	+0.590	− 31
682	μ Sagittarii	4.01	B 8 p	18 10 24.792	+3.5876	+ 1	−21 4 31.16	+0.912	− 1

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.s0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0."001
		m		h m s	s		° ′ ″	″	
1474	[6 G. Telescopii]	5.54	B 5	18 12 24.390	+5.0522	− 22	−56 2 35.68	+1.076	− 12
685	36 Draconis	5.03	F 5	18 13 34.367	+0.3448	+ 529	+64 22 41.08	+1.218	+ 31
683	[η Sagittarii]	3.16	M 3	18 13 50.196	+4.0593	− 109	−36 46 49.67	+1.049	−164
684	[Grb 2533 Lyra]	5.42	B 5	18 13 54.145	+1.8657	− 7	+42 8 21.05	+1.212	− 4
1475	[Br 2292 Serp]	6.30	A 5	18 14 19.041	+3.3029	− 1	− 9 46 45.84	+1.189	− 64
687	[δ Sagittarii]	2.84	K 0	18 17 24.510	+3.8410	+ 31	−29 51 13.74	+1.495	− 29
1477	[κ Lyrae]	4.34	K 0	18 17 53.838	+2.1022	− 17	+36 2 17.69	+1.608	+ 42
686	[ξ Pavonis]	4.25	K 2	18 18 3.994	+5.5282	− 5	−61 31 19.28	+1.587	+ 4
1476	[74 Ophiuchi]	4.92	G 5	18 18 4.217	+2.9947	− 4	+ 3 21 1.84	+1.591	+ 10
688	η Serpentis	3.42	K 0	18 18 24.636	+3.1038	− 372	− 2 54 53.78	+0.914	−697
689	ε Sagittarii	1.95	A 0	18 20 27.304	+3.9825	− 23	−34 24 47.01	+1.663	−126
690	109 Herculis	3.92	K 0	18 21 18.605	+2.5563	+ 137	+21 44 34.71	+1.621	−242
695	χ Draconis	3.69	F 8	18 22 3.981	−1.0826	+1169	+72 42 32.84	+1.570	−356
691	α Telescopii	3.76	B 3	18 22 49.258	+4.4483	− 16	−46 0 4.69	+1.954	− 42
1478	[+7° 3682 Ophi]	5.69	G 0 + A 3	18 22 57.058	+2.8857	− 6	+ 7 59 56.69	+2.000	− 6
1479	[+29° 3259 Herc]	5.71	A 2	18 23 49.035	+2.3124	+ 2	+29 47 43.75	+2.059	− 22
692	[λ Sagittarii]	2.94	K 0	18 24 30.837	+3.7022	− 33	−25 27 15.98	+1.959	−183
696	[γ Scuti]	4.73	A 3	18 26 0.285	+3.4190	0	−14 36 11.68	+2.268	− 3
1480	[60 Serpentis]	5.44	K 0	18 26 46.039	+3.1218	+ 18	− 2 1 23.21	+2.304	− 33
1481	[+16° 3529 Herc]	5.67	A 0	18 28 34.879	+2.6675	− 32	+16 53 17.97	+2.468	− 27
697	[ϑ Coron. austr.]	4.69	G 5	18 29 30.233	+4.2837	+ 25	−42 21 17.66	+2.555	− 21
1482	[α Scuti]	4.06	K 0	18 32 9.517	+3.2644	− 15	− 8 17 5.58	+2.493	−312
1483	[Grb 2603 Lyra]	6.66	A 0	18 32 12.648	+1.6946	− 1	+46 10 27.10	+2.823	+ 14
700	[Grb 2655 Draco]	5.84	K 0	18 32 27.848	−2.8975	− 12	+77 30 17.53	+2.829	+ 2
1484	[+9° 3783 Ophi]	5.40	F 2	18 33 47.454	+2.8610	− 10	+ 9 4 36.93	+2.820	−126
1485	[83 G. Sagittarii]	5.80	A 5	18 34 33.208	+3.5919	− 2	−21 26 45.02	+2.943	− 70
699	α Lyrae	0.14	A 0	18 35 2.473	+2.0310	+ 170	+38 43 49.52	+3.337	+283
701	[Grb 2640 Draco]	6.00	A 3	18 36 2.694	+0.1871	+ 17	+65 26 18.36	+3.221	+ 82
698	ζ Pavonis	4.10	K 0	18 36 30.252	+7.0126	+ 15	−71 28 46.61	+3.023	−160
1486	[δ Scuti]	4.74	F 0	18 39 12.396	+3.2845	+ 3	− 9 6 27.88	+3.415	0
702	[ε Scuti]	5.09	G 5	18 40 28.213	+3.2671	+ 13	− 8 19 55.92	+3.529	+ 6
1487	[φ Sagittarii]	3.30	B 8	18 42 9.465	+3.7478	+ 39	−27 3 0.61	+3.670	+ 1
703	110 Herculis	4.26	F 5	18 43 15.009	+2.5815	− 12	+20 29 29.04	+3.427	−335
1488	[+26° 3349 Lyra]	4.92	K 0	18 43 48.995	+2.4174	+ 12	+26 36 3.64	+3.835	+ 25
1489	[β Scuti]	4.47	G 0	18 44 12.132	+3.1827	− 8	− 4 48 33.82	+3.827	− 17
1491	[111 Herculis]	4.37	A 3	18 44 32.799	+2.6490	+ 48	+18 7 4.00	+3.987	+114
1490	[η¹ Coron. austr.]	5.59	A 2	18 44 48.054	+4.3297	+ 21	−43 44 34.73	+3.884	− 13
1492	[Grb 2671 Draco]	5.76	B 5	18 45 27.954	+1.3403	+ 9	+52 55 32.61	+3.948	− 3
704	λ Pavonis	4.42	B 2	18 47 2.021	+5.5587	− 11	−62 15 15.97	+4.071	− 17
1493	[30 Sagittarii]	6.24	F 0	18 47 28.470	+3.6054	− 21	−22 13 40.94	+4.093	− 31

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.0001 s	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.001"
		m m		h m s	s		° ' "	"	
705	β Lyrae	3.4–4.3	B 8 p + B 2 p	18 48 0.648	+2.2145	— 2	+33 17 47.51	+4.167	— 2
1494	[50 Draconis]	5.37	A 0	18 48 11.343	—1.9381	— 53	+75 22 8.42	+4.260	+ 78
707	o Draconis	4.85	K 0	18 50 22.482	+0.8849	+ 98	+59 19 9.89	+4.395	+ 25
706	σ Sagittarii	2.14	B 3	18 51 47.602	+3.7196	+ 10	—26 22 5.14	+4.438	— 55
1495	[114 G. Sagittar.]	5.58	F 5	18 52 17.430	+3.4550	— 24	—16 26 47.41	+4.349	—187
709	ϑ Serpentis *pr*	4.50	A 5	18 53 26.082	+2.9822	+ 29	+ 4 7 45.46	+4.669	+ 36
711	R Lyrae	4.0–4.5	M 3	18 53 37.781	+1.8253	+ 17	+43 52 17.02	+4.731	+ 82
708	λ Telescopii	5.03	B 9	18 53 59.207	+4.8000	+ 19	—53 0 50.59	+4.689	+ 8
710	[ξ² Sagittarii]	3.61	K 0	18 54 23.343	+3.5785	+ 20	—21 10 55.35	+4.701	— 14
714	[υ Draconis]	4.91	K 0	18 55 5.341	—0.7347	+ 95	+71 13 22.04	+4.818	+ 47
713	γ Lyrae	3.30	A 0 p	18 56 50.831	+2.2437	— 7	+32 36 41.66	+4.923	+ 1
712	[ε Aquilae]	4.21	K 0	18 57 4.776	+2.7225	— 39	+14 59 27.05	+4.869	— 74
716	ζ Aquilae	3.02	A 0	19 2 50.102	+2.7569	— 8	+13 46 43.80	+5.334	— 94
717	λ Aquilae	3.55	B 9	19 3 16.580	+3.1832	— 17	— 4 58 5.08	+5.378	— 87
1496	[τ Sagittarii]	3.42	K 0	19 3 26.678	+3.7453	— 42	—27 45 14.68	+5.231	—250
1497	[21 G. Aquilae]	6.72	B 8	19 3 41.171	+3.1063	+ 10	— 1 26 0.28	+5.491	— 9
1498	[Pi 18ʰ318 Lyra]	5.46	A 5	19 4 24.307	+2.3805	+ 55	+28 32 21.70	+5.647	+ 87
719	[ι Lyrae]	5.13	B 5	19 5 18.098	+2.1403	— 8	+36 0 40.79	+5.636	0
718	α Coron. austr.	4.12	A 2	19 5 39.862	+4.0815	+ 73	—37 59 37.00	+5.568	— 99
720	π Sagittarii	3.02	F 2	19 6 26.041	+3.5675	— 1	—21 6 51.91	+5.695	— 37
1499	[42 G. Octantis]	6.78	A 2	19 8 48.002	+8.1528	— 2	—75 53 48.88	+5.921	— 12
1500	[20 Aquilae]	5.37	B 3	19 9 38.422	+3.2537	+ 6	— 8 2 5.02	+5.992	— 7
723	δ Draconis	3.24	K 0	19 12 32.754	+0.0139	+160	+67 33 47.02	+6.332	+ 93
722	[43 Sagittarii]	5.03	K 0	19 14 21.531	+3.5096	— 9	—19 3 15.56	+6.376	— 16
724	ϑ Lyrae	4.46	K 0	19 14 25.366	+2.0818	— 8	+38 1 58.53	+6.399	+ 2
725	ω Aquilae	5.14	A 5	19 15 11.201	+2.8156	— 4	+11 29 35.10	+6.478	+ 18
726	ϰ Cygni	3.98	K 0	19 15 48.478	+1.3860	+ 61	+53 15 52.00	+6.634	+123
1501	[162 G. Sagittar.]	5.61	B 5	19 15 57.433	+3.9755	+ 3	—35 31 30.08	+6.522	— 2
729	τ Draconis	4.63	K 0	19 16 38.403	—1.1546	—331	+73 15 7.79	+6.689	+112
727	[υ Sagittarii]	4.58	B 8 p + F 2 p	19 18 31.211	+3.4353	— 2	—16 3 42.32	+6.730	— 6
1502	[β¹ Sagittarii]	4.31	B 8	19 18 36.902	+4.3126	+ 1	—44 33 58.16	+6.726	— 19
728	α Sagittarii	4.11	B 8	19 20 0.547	+4.1565	+ 26	—40 43 23.44	+6.741	—118
1503	[31 Aquilae]	5.23	G 5	19 22 17.928	+2.8602	+489	+11 49 23.26	+7.685	+639
730	δ Aquilae	3.44	F 0	19 22 40.446	+3.0243	+167	+ 3 0 6.01	+7.161	+ 84
1504	[59 G. Telescopii]	5.58	K 2	19 23 18.648	+4.8197	— 2	—54 26 20.83	+7.145	+ 15
731	[186 G. Sagittar.]	5.68	B 9	19 23 24.250	+3.7914	+ 15	—29 51 20.50	+7.092	— 45
1505	[Br 2462 Vulp]	6.04	K 5	19 24 1.588	+2.6237	— 8	+19 46 43.89	+7.140	— 46
1506	[Grb 2844 Cygn]	6.72	G 5	19 24 14.011	+1.8295	— 46	+44 49 8.11	+7.127	— 76
1507	[Pi 19ʰ156 Draco]	6.46	B 8	19 24 45.936	+1.0840	— 20	+57 54 50.01	+7.255	+ 9
734	Grb 2900 Draco	6.00	A 2	19 25 6.746	—3.6368	+ 40	+79 29 32.49	+7.240	— 31

Mittlere Sternörter 1944.0

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.ˢ0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.″001
		m		h m s	s		° ′ ″	″	
1508	[α Vulpeculae]	4.63	M o	19 26 22.424	+2.4960	− 97	+24 33 1.19	+ 7.275	− 103
1509	[36 Aquilae]	5.22	M o	19 27 44.074	+3.1370	+ 9	− 2 54 25.30	+ 7.483	− 6
733	ι Cygni	3.94	A 2	19 28 17.612	+1.5122	+ 19	+51 36 35.01	+ 7.663	+ 129
732	β Cygni *pr*	3.24	K o + A o	19 28 27.695	+2.4190	− 3	+27 50 27.04	+ 7.543	− 4
1510	[8 Cygni]	4.85	B 3	19 29 41.343	+2.2290	− 6	+34 19 58.11	+ 7.646	o
735	[ι Telescopii]	5.02	K o	19 31 3.995	+4.4505	− 16	−48 13 18.88	+ 7.725	− 35
1511	[μ Aquilae]	4.65	K o	19 31 21.162	+2.9304	+ 141	+ 7 15 31.16	+ 7.627	− 155
736	52 Sagittarii	4.66	B 9	19 33 18.057	+3.6505	+ 51	−25 0 31.99	+ 7.918	− 20
737	[κ Aquilae]	5.04	B o	19 33 52.710	+3.2269	— 0	− 7 9 12.73	+ 7.980	− 4
738	ϑ Cygni	4.64	F 5	19 34 56.311	+1.6077	− 30	+50 5 26.03	+ 8.322	+ 254
1512	[54 Sagittarii]	5.45	K o	19 37 30.936	+3.4364	+ 46	−16 25 23.48	+ 8.230	− 45
1513	[β Sagittae]	4.45	K o	19 38 31.956	+2.6941	+ 2	+17 20 41.86	+ 8.322	− 34
1514	[55 Sagittarii]	5.10	F o	19 39 18.973	+3.4309	+ 42	−16 15 24.57	+ 8.408	− 11
1515	[10 Vulpeculae]	5.45	G 5	19 41 23.125	+2.4941	+ 4	+25 38 12.19	+ 8.602	+ 20
740	15 Cygni	5.02	K o	19 42 15.318	+2.1632	+ 56	+37 13 4.82	+ 8.684	+ 34
1516	[228 G. Sagittar.]	5.56	B 8	19 42 26.986	+3.8275	+ 2	−32 2 43.34	+ 8.647	− 19
1517	[56 Sagittarii]	5.06	K o	19 43 5.796	+3.4991	− 95	−19 53 50.44	+ 8.631	− 87
739	[ν Telescopii]	5.52	A 5	19 43 27.341	+4.8996	+ 102	−56 29 57.31	+ 8.617	− 129
741	γ Aquilae	2.80	K 2	19 43 35.792	+2.8518	+ 8	+10 28 31.85	+ 8.760	+ 3
743	δ Sagittae	3.78	M o + A o	19 44 53.373	+2.6747	+ 2	+18 23 41.48	+ 8.870	+ 12
744	[51 Aquilae]	5.55	F o	19 47 41.970	+3.3008	− 19	−10 54 25.58	+ 9.113	+ 35
745	α Aquilae	0.89	A 5	19 48 3.024	+2.9266	+ 360	+ 8 43 8.74	+ 9.492	+ 387
746	[η Aquilae]	3.7–4.4	G o p	19 49 37.189	+3.0557	+ 3	+ 0 51 37.93	+ 9.223	− 4
1518	[75 G. Pavonis]	6.32	A 3	19 49 47.974	+5.2416	+ 13	−61 19 3.68	+ 9.252	+ 9
1519	[90 G. Aquilae]	5.64	F o p + A	19 50 22.753	+3.1420	+ 14	− 3 15 39.27	+ 9.302	+ 16
1520	[ι Sagittarii]	4.21	K o	19 51 24.128	+4.1381	+ 7	−42 1 2.09	+ 9.422	+ 56
749	β Aquilae	3.90	K o	19 52 33.698	+2.9464	+ 26	+ 6 15 55.99	+ 8.977	− 478
748	ε Pavonis	4.10	A o	19 54 9.150	+6.9456	+ 190	−73 3 40.62	+ 9.449	− 130
1521	[η Cygni]	4.03	K o	19 54 12.226	+2.2504	− 30	+34 56 0.88	+ 9.554	− 27
1522	[61 Sagittarii]	5.05	A o	19 54 46.511	+3.4020	+ 7	−15 38 29.51	+ 9.530	− 96
751	ϑ¹ Sagittarii	4.39	B 3	19 56 5.672	+3.9042	o	−35 25 45.77	+ 9.702	− 25
752	γ Sagittae	3.71	K 5	19 56 15.919	+2.6675	+ 42	+19 20 19.94	+ 9.767	+ 28
1523	[15 Vulpeculae]	4.74	A 5	19 58 47.572	+2.4704	+ 40	+27 35 51.80	+ 9.942	+ 10
753	[62 Sagittarii]	4.60	M 3	19 59 13.038	+3.6888	+ 27	−27 52 1.59	+ 9.984	+ 20
1524	[τ Aquilae]	5.65	K o	20 1 24.154	+2.9296	+ 5	+ 7 7 7.04	+10.145	+ 16
755	[ξ Telescopii]	4.86	M o	20 3 6.259	+4.5973	− 15	−53 2 34.81	+10.271	+ 12
754	δ Pavonis	3.64	G 5	20 3 15.086	+5.8876	+1974	−66 19 38.19	+ 9.130	−1140
1525	[28 Cygni]	4.82	B 2 p	20 7 20.722	+2.2276	− 2	+36 40 25.50	+10.589	+ 15
756	ϑ Aquilae	3.37	A o	20 8 24.921	+3.0949	+ 22	− 0 59 20.17	+10.660	+ 6
759	κ Cephei	4.43	B 9	20 10 48.656	−2.0157	+ 22	+77 32 37.41	+10.855	+ 28

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.s001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0."001
		m		h m s	s		° ' "	"	
1526	[ρ Aquilae]*	4.96	A 0	20 11 41.082	+2.7757	+ 36	+15 1 32.44	+10.950	+ 55
757	31 o^1 Cygni	3.95	K 0 + B 8	20 11 52.007	+1.8886	− 3	+46 34 14.42	+10.913	+ 6
758	33 Cygni	4.32	A 3	20 12 5.776	+1.3944	+ 72	+56 23 44.83	+11.007	+ 83
760	24 Vulpeculae	5.45	K 0	20 14 23.219	+2.5669	+ 9	+24 29 51.00	+11.078	− 14
1527	[α^1 Capricorni]	4.55	G 0 p	20 14 32.689	+3.3246	+ 11	−12 40 57.70	+11.108	+ 3
1529	[4 Capricorni]	5.96	K 0	20 14 44.114	+3.5243	+ 23	−21 59 4.26	+11.089	− 29
1528	[83 G. Telescopii]	6.28	M 0	20 14 55.407	+4.3028	+ 6	−47 53 9.90	+11.138	+ 5
761	α^2 Capricorni	3.77	G 5	20 14 56.908	+3.3280	+ 41	−12 43 11.42	+11.139	+ 6
1530	[290 G. Sagittarii]	6.51	K 2	20 17 15.135	+3.8720	+ 14	−35 51 6.26	+11.329	+ 28
762	[β Capricorni]	3.25	G 0 + A 0	20 17 51.975	+3.3701	+ 26	−14 57 34.78	+11.348	+ 3
763	[$\varkappa^1$ Sagittarii]	5.64	A 0	20 18 39.720	+4.0737	+ 32	−42 13 39.70	+11.315	− 88
765	γ Cygni	2.32	F 8 p	20 20 13.017	+2.1528	0	+40 4 35.40	+11.514	+ 1
1531	[132 G. Aquilae]	5.41	K 0	20 20 24.163	+2.9719	− 25	+ 5 9 45.97	+11.492	− 35
764	α Pavonis	2.12	B 3	20 21 13.777	+4.7477	+ 11	−56 54 58.97	+11.504	− 82
1532	[296 G. Sagittarii]	5.97	K 0	20 22 1.286	+3.6730	+ 8	−28 50 46.58	+11.662	+ 19
1533	[69 Aquilae]	5.11	K 0	20 26 43.397	+3.1351	+ 44	− 3 4 22.83	+11.960	− 15
1534	[41 Cygni]	4.09	F 5 p	20 27 6.347	+2.4509	+ 2	+30 10 50.12	+11.998	− 3
1535	42 Cygni	5.94	A 0	20 27 12.132	+2.2883	+ 1	+36 16 0.66	+12.009	+ 2
767	ϑ Cephei	4.28	A 5	20 28 38.649	+1.0066	+ 60	+62 48 19.73	+12.097	− 11
1536	[29 G. Capricorni]	5.82	G 5	20 29 19.905	+3.2816	+202	−10 2 44.92	+12.259	+102
1538	[Grb 3241 Draco]	6.42	K 2	20 30 15.970	−0.2558	− 14	+72 20 31.80	+12.203	− 16
768	ε Delphini	3.98	B 5	20 30 32.198	+2.8657	+ 4	+11 6 42.48	+12.223	− 17
1537	[9 G. Delphini]	6.68	K 0	20 31 12.642	+2.9868	+ 6	+ 4 42 22.27	+12.281	− 6
770	73 Draconis	5.18	A 2 p	20 32 16.115	−0.7885	+ 10	+74 45 47.05	+12.346	− 11
769	α Indi	3.21	K 0	20 33 38.182	+4.2201	+ 50	−47 29 17.99	+12.527	+ 72
1539	29 Vulpeculae	4.78	A 0	20 36 1.155	+2.6789	+ 44	+21 0 12.83	+12.624	+ 7
772	[ϰ Delphini]	5.23	G 5	20 36 24.506	+2.9134	+210	+ 9 53 15.88	+12.664	+ 21
1540	[13 G. Microscopii]	5.54	K 2	20 36 49.333	+3.7643	+ 26	−33 37 52.52	+12.722	+ 50
773	υ Capricorni	5.33	M 0	20 36 51.821	+3.4147	− 15	−18 20 13.82	+12.656	− 18
774	α Delphini	3.86	B 8	20 37 2.148	+2.7862	+ 41	+15 42 48.19	+12.686	+ 1
777	α Cygni	1.33	A 2 p	20 39 31.276	+2.0449	0	+45 4 45.90	+12.857	+ 5
775	β Pavonis	3.60	A 5	20 39 56.222	+5.4104	− 64	−66 24 22.81	+12.900	+ 18
776	[η Indi]	4.70	F 0	20 39 56.246	+4.4063	+172	−52 7 21.58	+12.827	− 54
778	[δ Delphini]	4.53	A 5	20 40 50.604	+2.8006	− 16	+14 52 21.29	+12.901	− 40
779	[ψ Capricorni]	4.26	F 8	20 42 46.974	+3.5517	− 40	−25 28 24.68	+12.916	−155
780	ε Cygni	2.64	K 0	20 43 56.608	+2.4273	+283	+33 45 34.36	+13.477	+329
782	[6 H. Cephei]	4.63	G 0	20 43 57.698	+1.4887	− 87	+57 22 41.53	+12.914	−234
1541	[γ Delphini *sq*]	4.49	G 5	20 44 3.529	+2.7828	− 28	+15 55 17.03	+12.962	−193
783	η Cephei	3.59	K 0	20 44 9.179	+1.2204	+129	+61 37 15.02	+13.982	+822
781	ε Aquarii	3.83	A 0	20 44 38.729	+3.2471	+ 20	− 9 42 7.23	+13.162	− 31

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.s0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.″001
		m		h m s	s		° ′ ″	″	
1542	[ι Microscopii]	5.14	F 0	20 44 41.764	+4.0675	+ 167	−44 11 38.72	+13.095	− 102
1544	[Grb 3285 Cygn]	6.43	K 0	20 44 43.702	+1.7390	− 97	+52 47 26.62	+13.092	− 106
1543	[3 Aquarii]	4.60	M 0	20 44 46.979	+3.1650	− 3	− 5 14 2.30	+13.166	− 37
1545	[−1° 4057 Aqar]	6.53	M 3	20 46 24.453	+3.0842	− 24	− 0 46 16.97	+13.298	− 12
1546	[ω Capricorni]	4.24	M 0	20 48 28.968	+3.5802	− 7	−27 7 48.11	+13.443	− 2
1547	[μ Aquarii]	4.80	A 3	20 49 38.058	+3.2354	+ 26	− 9 11 40.77	+13.491	− 28
785	β Indi	3.72	K 0	20 50 26.919	+4.6904	+ 23	−58 40 1.41	+13.553	− 19
786	32 Vulpeculae	5.24	K 5	20 52 10.288	+2.5567	− 6	+27 50 37.21	+13.683	+ 2
1548	[64 G. Capricor.]	5.95	A 3	20 54 32.627	+3.3580	+ 31	−16 14 54.08	+13.833	0
788	ν Cygni	4.04	A 0	20 55 4.998	+2.2363	+ 5	+40 57 2.80	+13.857	− 9
1549	[33 Vulpeculae]	5.57	K 5	20 55 46.033	+2.6818	− 6	+22 6 30.44	+13.916	+ 6
789	[11 Aquarii]	6.26	G 0	20 57 36.916	+3.1583	+ 26	− 4 56 51.71	+13.894	− 132
1550	[γ Microscopii]	4.71	G 5	20 57 51.651	+3.6800	0	−32 28 40.74	+14.047	+ 6
1551	[59 Cygni]	4.88	B 0 p	20 57 55.153	+2.0400	0	+47 18 5.76	+14.049	+ 5
787	[α Octantis]	5.24	F 2	20 58 0.445	+7.2827	+ 31	−77 14 23.36	+13.689	− 362
790	ζ Microscopii	5.35	F 0	20 59 23.611	+3.8336	− 25	−38 51 5.28	+14.027	− 109
1552	[ϑ Capricorni]	4.19	A 0	21 2 48.083	+3.3723	+ 57	−17 27 23.54	+14.292	− 54
792	[ξ Cygni]	3.92	K 5	21 2 53.503	+2.1820	+ 4	+43 42 13.17	+14.356	+ 5
1553	[−0° 4161 Aqar]	7.10	K 2	21 3 40.955	+3.0791	+ 6	− 0 19 49.20	+14.415	+ 15
791	[A Capricorni]	4.60	M 0	21 3 51.334	+3.5087	− 21	−25 13 51.48	+14.367	− 43
793	61 Cygni *pr*	5.57	K 5	21 4 22.997	+2.6872	+3504	+38 28 23.02	+17.702	+3260
794	ν Aquarii	4.52	K 0	21 6 32.697	+3.2675	+ 61	−11 35 58.54	+14.561	− 12
795	Br 2777 Ceph	5.90	B 9	21 6 39.206	−1.1992	+ 60	+77 53 59.23	+14.613	+ 36
1555	[γ Equulei]	4.76	F 0 p	21 7 37.072	+2.9175	+ 38	+ 9 54 17.86	+14.486	− 151
1554	[o Pavonis]	5.08	M 0	21 8 7.523	+5.6325	+ 86	−70 21 24.09	+14.637	− 32
1556	[58 G. Microscopii]	5.55	K 5	21 9 58.325	+3.5574	+ 73	−27 50 56.37	+14.662	− 116
797	ζ Cygni	3.40	K 0	21 10 33.038	+2.5530	− 4	+29 59 46.89	+14.758	− 53
796	[23 G. Indi]	5.84	A 5	21 11 46.529	+4.2841	+ 18	−53 29 46.29	+14.872	− 11
800	α Equulei	4.14	F 8 + A 3	21 13 1.444	+2.9987	+ 36	+ 5 0 55.10	+14.873	− 83
1557	[24 G. Indi]	6.70	K 0	21 14 4.253	+4.0870	− 24	−48 57 8.05	+14.939	− 79
801	[ε Microscopii]	4.79	A 0	21 14 32.795	+3.6375	+ 39	−32 24 27.77	+15.023	− 21
1558	[σ Cygni]	4.28	A 0 p	21 15 12.820	+2.3561	− 4	+39 9 32.91	+15.080	− 2
1559	[υ Cygni]	4.42	B 3 p	21 15 36.757	+2.4665	+ 6	+34 39 39.16	+15.103	− 2
802	[ϑ¹ Microscopii]	4.92	A 2 p	21 17 11.106	+3.8373	+ 56	−41 2 51.01	+15.195	− 1
803	α Cephei	2.60	A 5	21 17 14.582	+1.4316	+ 212	+62 20 52.22	+15.250	+ 52
1560	[Grb 3434 Cygn]	6.81	K 2	21 17 52.596	+1.9290	+ 6	+52 49 13.25	+15.235	0
1561	[ι Capricorni]	4.30	K 0	21 19 7.843	+3.3402	+ 22	−17 4 26.99	+15.313	+ 6
804	1 Pegasi	4.27	K 0	21 19 29.700	+2.7743	+ 72	+19 33 50.42	+15.394	+ 68
1562	[18 Aquarii]	5.54	A 5	21 21 7.979	+3.2781	+ 60	−13 7 10.09	+15.429	+ 11
805	γ Pavonis	4.30	F 8	21 21 50.420	+4.9651	+ 154	−65 37 16.27	+16.257	+ 799

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.ˢ0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.″001
		m		h m s	s		° ′ ″	″	
1563	[γ Indi]	6.24	F o	21 22 16.568	+4.2814	+ 8	−54 54 13.04	+15.529	+ 46
806	ζ Capricorni	3.86	G 5 p	21 23 28.386	+3.4252	+ 1	−22 39 17.92	+15.576	+ 27
1564	[2 G. Pegasi]	6.66	M o	21 25 39.158	+2.9571	+ 4	+ 7 57 3.69	+15.636	− 32
807	[71 Cygni]	5.34	K o	21 27 22.801	+2.2137	+ 42	+46 17 34.71	+15.870	+ 108
1565	[2 Pegasi]	4.76	K 5	21 27 24.543	+2.7174	+ 13	+23 23 32.96	+15.770	+ 6
809	β Cephei	3.33	B 1	21 27 56.701	+0.7748	+ 21	+70 18 53.06	+15.805	+ 13
808	β Aquarii	3.07	G o	21 28 36.701	+3.1579	+ 12	− 5 49 6.66	+15.824	− 4
1566	[6 Piscis austr.]	5.99	A 2	21 28 51.680	+3.6298	+ 6	−34 11 32.93	+15.839	− 3
1567	[3 G. Gruis]	5.73	K o	21 29 46.273	+3.8884	− 18	−45 5 50.50	+15.887	− 4
1568	[ρ Cygni]	4.22	K o	21 31 52.304	+2.2563	− 25	+45 20 36.88	+15.912	− 90
811	74 Cygni	5.09	A 5	21 34 42.079	+2.4045	− 7	+40 9 40.63	+16.168	+ 19
1569	[ξ Aquarii]	4.78	A 5	21 34 46.293	+3.1932	+ 74	− 8 6 22.75	+16.132	− 22
1570	[5 Pegasi]	5.29	F o	21 35 8.096	+2.8073	+ 70	+19 3 56.74	+16.188	+ 16
810	ν Octantis	3.74	K o	21 35 19.856	+6.6885	+ 185	−77 38 25.98	+15.944	− 240
812	[γ Capricorni]	3.80	F o p	21 36 59.430	+3.3236	+ 131	−16 54 58.65	+16.245	− 22
813	[13 H. Cephei]	5.97	O e 5	21 37 13.226	+1.8611	− 7	+57 14 6.94	+16.279	0
817	[11 Cephei]	4.85	K o	21 41 6.456	+0.8793	+ 235	+71 3 12.28	+16.579	+ 105
815	ε Pegasi	2.54	K o	21 41 26.076	+2.9462	+ 18	+ 9 37 2.64	+16.496	+ 5
814	[ι Piscis austr.]	4.35	A o	21 41 36.985	+3.5739	+ 29	−33 16 56.37	+16.409	− 91
1571	[+35°4626 Cygn]	6.60	K o	21 43 21.874	+2.5436	+ 75	+35 35 53.82	+16.603	+ 17
818	[λ Capricorni]	5.43	A o	21 43 31.310	+3.2290	+ 17	−11 37 30.38	+16.590	− 4
1572	[ν Cephei]	4.46	A 2 p	21 43 49.887	+1.7307	− 7	+60 51 42.87	+16.610	+ 2
819	δ Capricorni	2.98	A 5	21 43 57.125	+3.3110	+ 181	−16 22 56.43	+16.322	− 293
1574	[11 Pegasi]	5.50	A o	21 44 23.565	+3.0421	+ 5	+ 2 25 34.78	+16.642	+ 5
1573	[13 G. Gruis]	5.75	G 5	21 44 37.763	+3.9026	+ 159	−47 33 34.04	+16.353	− 295
821	π² Cygni	4.26	B 3	21 44 43.272	+2.2164	+ 2	+49 2 59.33	+16.655	+ 2
820	[ο Indi]	5.50	K 2	21 46 5.060	+5.0812	− 44	−69 53 28.97	+16.717	− 3
1575	[14 Pegasi]	5.00	A o	21 47 21.870	+2.6537	+ 10	+29 54 45.73	+16.757	− 23
1576	[127 G.Capricor.]	6.85	F 8	21 48 13.588	+3.4149	+ 253	−23 31 55.82	+16.737	− 84
1577	[μ Capricorni]	5.18	F o	21 50 14.679	+3.2705	+ 211	−13 48 58.67	+16.930	+ 14
823	16 Pegasi	5.05	B 3	21 50 30.695	+2.7297	+ 2	+25 39 39.28	+16.932	+ 3
822	γ Gruis	3.16	B 8	21 50 32.639	+3.6329	+ 85	−37 37 44.87	+16.918	− 13
1578	[Br 2880 Ceph]	6.58	A o	21 52 8.212	+0.7022	+ 79	+73 26 14.17	+17.035	+ 31
1579	[Pi 21ʰ 339 Pegs]	6.62	K 5	21 53 46.724	+2.8048	− 3	+20 58 22.71	+17.099	+ 19
824	[δ Indi]	4.56	F o	21 54 7.266	+4.0850	+ 63	−55 15 35.51	+17.093	− 3
1580	[98 G. Aquarii]	6.42	K o	21 55 59.761	+3.1285	− 4	− 4 38 15.03	+16.927	− 254
826	[20 Pegasi]	5.66	F 2	21 58 21.552	+2.9224	+ 35	+12 51 3.50	+17.241	− 46
825	[ε Indi]	4.74	K 5	21 59 5.481	+4.5902	+4808	−57 1 2.04	+14.767	−2552
1581	[λ Gruis]	4.60	K 2	22 2 44.790	+3.6165	− 18	−39 48 51.86	+17.364	− 114
827	α Aquarii	3.19	G o	22 2 54.460	+3.0809	+ 10	− 0 35 33.51	+17.481	− 4

Mittlere Sternörter 1944.0

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.s0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0."001
		m		h m s	s		° ' "	"	
830	20 Cephei	5.39	K 5	22 3 18.218	+1.8234	+ 21	+62 30 43.32	+17.565	+ 64
828	ι Aquarii	4.35	B 8	22 3 24.865	+3.2397	+ 26	−14 8 31.79	+17.453	− 53
831	[ι Pegasi]	3.96	F 5	22 4 24.070	+2.7926	+215	+25 4 15.27	+17.576	+ 28
829	α Gruis	2.16	B 5	22 4 42.768	+3.7817	+123	−47 13 58.97	+17.414	−147
832	[μ Piscis austr.]	4.62	A 2	22 5 7.290	+3.5006	+ 64	−33 15 45.71	+17.542	− 37
833	[27 Pegasi]	5.65	K 0	22 6 44.545	+2.6583	− 49	+32 53 53.23	+17.583	− 63
834	ϑ Pegasi	3.70	A 2	22 7 22.439	+3.0259	+181	+ 5 55 18.13	+17.709	+ 37
835	π Pegasi	4.38	F 5	22 7 29.812	+2.6644	− 13	+32 54 10.03	+17.661	− 17
837	24 Cephei	4.99	G 5	22 8 44.080	+1.1528	+ 63	+72 3 54.77	+17.741	+ 14
836	ζ Cephei	3.62	K 0	22 8 54.444	+2.0811	+ 14	+57 55 29.03	+17.743	+ 8
838	[λ Piscis austr.]	5.40	B 9	22 11 8.557	+3.4006	+ 20	−28 2 43.21	+17.825	0
1583	[1 H. Lacertae]	4.64	K 2	22 11 28.270	+2.5753	+ 33	+39 26 11.18	+17.849	+ 11
1582	[125 G. Aquarii]	6.60	G 5	22 11 36.381	+3.2479	− 8	−16 5 29.53	+17.492	−352
839	[ε Octantis]	5.11	M 3	22 13 52.506	+6.7536	+304	−80 43 11.52	+17.900	− 34
840	ϑ Aquarii	4.32	K 0	22 13 52.773	+3.1655	+ 78	− 8 3 46.30	+17.915	− 19
841	α Tucanae	2.91	K 2	22 14 41.024	+4.1137	− 83	−60 32 22.40	+17.930	− 34
1584	[47 Aquarii]	5.40	K 0	22 18 30.796	+3.3025	− 5	−21 52 46.69	+18.027	− 84
843	[31 Pegasi]	4.93	B 3 p	22 18 45.587	+2.9528	+ 2	+11 55 21.07	+18.137	+ 17
842	γ Aquarii	3.97	A 0	22 18 45.832	+3.0983	+ 85	− 1 40 12.62	+18.133	+ 12
844	β Lacertae	4.58	K 0	22 21 21.162	+2.3590	− 19	+51 56 52.67	+18.030	−185
1585	[π Aquarii]	4.64	B 1 p	22 22 24.997	+3.0636	+ 10	+ 1 5 33.23	+18.259	+ 4
1586	[Pi 22ʰ 97 Pegs]	6.40	K 0	22 22 58.389	+2.8944	+ 13	+18 9 32.19	+18.313	+ 39
1587	[72 G. Indi]	5.70	A 3	22 24 31.913	+4.4233	+277	−67 46 27.24	+18.266	− 65
845	[ν Gruis]	5.48	K 0	22 25 22.646	+3.5168	+ 31	−39 24 56.80	+18.203	−156
846	[δ¹ Gruis]	4.02	G 5	22 25 55.814	+3.5864	+ 24	−43 46 56.48	+18.381	+ 2
1588	[36 Pegasi]	5.82	K 2	22 26 20.219	+2.9942	+ 36	+ 8 50 32.97	+18.378	− 15
1589	[Pi 22ʰ 120 Pegs]	5.96	K 2	22 26 32.583	+2.8108	+ 15	+26 28 34.65	+18.396	− 5
847	[δ Cephei]	*3.7-4.4*	G 0 v	22 27 5.156	+2.2268	+ 11	+58 7 41.07	+18.422	+ 3
1590	[38 Pegasi]	5.51	A 0	22 27 27.899	+2.7440	+ 25	+32 17 7.60	+18.421	− 12
1591	[σ Aquarii]	4.89	A 0	22 27 41.077	+3.1746	0	−10 57 54.66	+18.413	− 27
1592	[β Piscis austr.]	4.40	A 0	22 28 19.600	+3.4115	+ 53	−32 38 1.49	+18.456	− 6
848	α Lacertae	3.85	A 0	22 28 58.731	+2.4714	+139	+49 59 38.90	+18.506	+ 22
1593	[ρ Cephei]	5.50	A 2	22 29 24.176	+0.5339	− 13	+78 32 12.58	+18.483	− 14
1594	[Grb 3834 Ceph]	5.74	A 0	22 31 17.624	+1.0525	− 69	+75 56 15.75	+18.558	− 2
849	[υ Aquarii]	5.29	F 5	22 31 37.986	+3.2815	+155	−20 59 44.63	+18.429	−143
850	η Aquarii	4.13	B 8	22 32 28.715	+3.0826	+ 60	− 0 24 24.07	+18.550	− 50
851	31 Cephei	5.22	F 0	22 34 23.078	+1.4814	+390	+73 21 8.25	+18.692	+ 31
1595	[κ Aquarii]	5.33	K 0	22 34 51.382	+3.1067	− 48	− 4 31 2.70	+18.564	−112
853	[30 Cephei]	5.21	A 2	22 36 39.465	+2.1274	− 12	+63 17 34.81	+18.713	− 20
852	10 Lacertae	4.91	O e 5	22 36 44.627	+2.6920	− 1	+38 45 29.90	+18.733	− 3
854	[ε Piscis austr.]	4.22	B 8	22 37 33.725	+3.3183	+ 21	−27 20 10.37	+18.767	+ 6

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.s0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0."001
		m		h m s	s		° ' "	"	
855	ζ Pegasi	3.61	B 8	22 38 40.048	+2.9921	+ 53	+10 32 18.67	+18.788	− 7
856	β Gruis	2.24	M 3	22 39 19.934	+3.5834	+ 133	−47 10 40.92	+18.812	− 3
857	η Pegasi	3.10	G 0	22 40 22.393	+2.8122	+ 9	+29 55 40.42	+18.824	− 22
858	[13 Lacertae]	5.24	K 0	22 41 35.318	+2.6753	− 10	+41 31 29.90	+18.893	+ 11
1596	[45 Pegasi]	6.45	K 0	22 42 44.534	+2.9180	− 24	+19 4 15.09	+18.978	+ 63
859	λ Pegasi	4.14	K 0	22 43 49.828	+2.8896	+ 39	+23 16 13.73	+18.941	− 6
1597	[68 Aquarii]	5.43	G 5	22 44 32.793	+3.2222	− 73	−19 54 21.38	+18.769	−198
1598	[−2° 5826 Aqar]	7.58	K 2	22 44 36.750	+3.0892	+ 3	− 2 5 3.25	+18.972	+ 3
860	ε Gruis	3.69	A 2	22 45 10.935	+3.6249	+ 111	−51 36 42.56	+18.926	− 59
861	[τ Aquarii]	4.21	K 5	22 46 37.695	+3.1761	− 10	−13 53 19.09	+18.994	− 31
862	[μ Pegasi]	3.67	K 0	22 47 17.820	+2.8956	+ 106	+24 18 19.71	+19.008	− 36
863	ι Cephei	3.68	K 0	22 47 40.779	+2.1347	− 113	+65 54 20.23	+18.936	−118
1599	69 G. Gruis	5.39	K 2	22 47 51.276	+3.4153	+ 18	−39 27 14.09	+19.052	− 7
864	λ Aquarii	3.84	M 0	22 49 41.604	+3.1295	+ 5	− 7 52 41.09	+19.148	+ 40
865	ρ Indi	6.14	G 0	22 50 47.604	+4.1796	− 73	−70 22 24.31	+19.211	+ 74
866	δ Aquarii	3.51	A 2	22 51 40.804	+3.1837	− 29	−16 7 8.76	+19.139	− 20
1600	[+36° 4956 Lacr]	6.00	F 2	22 52 26.083	+2.7900	+ 70	+36 46 40.57	+19.194	+ 15
867	α Piscis austr.	1.29	A 3	22 54 33.640	+3.3155	+ 258	−29 55 10.15	+19.073	−159
868	[ζ Gruis]	4.18	G 5	22 57 35.063	+3.5435	− 74	−53 3 17.46	+19.301	− 4
869	o Andromedae	3.63	B 5 +A 2 p	22 59 20.319	+2.7601	+ 18	+42 1 29.17	+19.347	+ 2
1601	[π Piscis austr.]	5.13	F 0	23 0 24.144	+3.3194	+ 53	−35 3 9.25	+19.459	+ 89
1602	[β Piscium]	4.58	B 5 p	23 1 1.548	+3.0529	+ 6	+ 3 31 5.54	+19.381	− 3
870	β Pegasi	2.61	M 0	23 1 3.324	+2.9083	+ 141	+27 46 43.36	+19.527	+143
871	α Pegasi	2.57	A 0	23 1 58.133	+2.9883	+ 42	+14 54 12.93	+19.368	− 36
1603	[55 Pegasi]	4.69	M 0	23 4 10.888	+3.0220	+ 5	+ 9 6 23.87	+19.444	− 8
1604	[5 Andromedae]	5.83	F 0	23 5 12.321	+2.7246	+ 152	+48 59 25.74	+19.612	+139
873	88 Aquarii	3.80	K 0	23 6 27.789	+3.1987	+ 39	−21 28 36.04	+19.539	+ 40
1605	[ι Gruis]	4.10	K 0	23 7 11.769	+3.3964	+ 124	−45 33 1.13	+19.496	− 18
1606	[59 Pegasi]	5.15	A 3	23 8 54.437	+3.0288	− 7	+ 8 24 56.42	+19.547	− 1
875	Br 3077 Cass	5.65	K 2	23 10 34.527	+2.8878	+2523	+56 51 32.16	+19.879	+300
1607	[φ Aquarii]	4.40	M 0	23 11 25.331	+3.1069	+ 24	− 6 21 4.28	+19.405	−190
1608	[ψ¹ Aquarii]	4.48	K 0	23 12 57.496	+3.1433	+ 251	− 9 23 35.34	+19.612	− 11
876	[25 G. Tucanae]	5.69	G 0	23 13 36.605	+3.6098	+ 252	−62 18 24.43	+19.610	− 24
877	γ Tucanae	4.10	F 2	23 14 10.437	+3.5029	− 38	−58 32 34.64	+19.738	+ 94
878	γ Piscium	3.85	K 0	23 14 15.671	+3.1100	+ 506	+ 2 58 33.75	+19.670	+ 24
879	γ Sculptoris	4.51	K 0	23 15 48.267	+3.2401	+ 17	−32 50 14.31	+19.611	− 60
1609	[ψ³ Aquarii]	5.16	A 0	23 16 2.929	+3.1207	+ 30	− 9 55 1.77	+19.680	+ 4
880	τ Pegasi	4.65	A 5	23 17 51.685	+2.9695	+ 21	+23 26 0.94	+19.703	− 2
1610	[12 Andromedae]	5.75	F 5	23 18 10.702	+2.8949	+ 103	+37 52 34.57	+19.645	− 66
1611	[11 G.Sculptoris]	5.81	G 5	23 18 16.664	+3.1969	− 10	−27 17 37.44	+19.700	− 12
1612	[98 Aquarii]	4.20	K 0	23 20 1.872	+3.1506	− 87	−20 24 23.37	+19.651	− 88

Mittlere Sternörter 1944.0

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.s0001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0."001
		m		h m s	s		° ' "	"	
1613	[67 Pegasi]	5.46	A o	23 22 6.033	+2.9362	+ 8	+32 4 37.25	+19.774	+ 4
882	4 Cassiopeiae	5.20	K 5	23 22 20.328	+2.6635	+ 7	+61 58 30.77	+19.768	− 6
881	[υ Pegasi]	4.57	G o	23 22 34.825	+2.9943	+137	+23 5 44.20	+19.819	+ 42
883	[o Gruis]	5.54	F o	23 23 29.046	+3.3572	+ 25	−53 1 54.47	+19.922	+133
884	κ Piscium	4.94	A 2 p	23 24 3.630	+3.0753	+ 56	+ 0 56 55.77	+19.707	− 90
1614	[ϑ Piscium]	4.45	G 5	23 25 7.543	+3.0433	− 84	+ 6 4 16.18	+19.772	− 39
1615	[+15° 4830 Pegs]	6.98	A 2	23 26 13.017	+3.0181	+ 1	+15 42 14.10	+19.835	+ 9
885	70 Pegasi	4.67	K o	23 26 19.201	+3.0341	+ 42	+12 27 5.44	+19.866	+ 39
886	[β Sculptoris]	4.46	B 9	23 29 58.385	+3.2173	+ 73	−38 7 41.63	+19.893	+ 21
1616	[15 Andromedae]	5.50	A o	23 31 52.767	+2.9349	− 15	+39 55 39.29	+19.854	− 38
1617	[ι Phoenicis]	4.80	A 2 p	23 32 4.128	+3.2276	+ 35	−42 55 29.53	+19.902	+ 8
888	248 G. Aquarii	6.51	K o	23 32 38.728	+3.0946	− 3	− 7 46 28.13	+19.926	+ 25
890	λ Andromedae	4.00	K o	23 34 48.894	+2.9359	+152	+46 9 16.80	+19.506	−416
889	[11 G. Phoenicis]	4.86	A 2	23 34 50.493	+3.2299	+ 64	−45 48 8.37	+19.918	− 5
891	ι Andromedae	4.28	B 8	23 35 22.946	+2.9422	+ 23	+42 57 28.58	+19.930	+ 3
893	γ Cephei	3.42	K o	23 37 1.695	+2.4579	−214	+77 19 11.27	+20.100	+157
892	ι Piscium	4.28	F 8	23 37 4.085	+3.0857	+250	+ 5 19 21.53	+19.511	−432
1619	[κ Andromedae]	4.33	A o	23 37 38.525	+2.9548	+ 73	+44 1 25.56	+19.933	− 15
1618	[μ Sculptoris]	5.33	K o	23 37 42.049	+3.1479	− 74	−32 22 58.27	+19.900	− 49
1620	[λ Piscium]	4.61	A 5	23 39 11.265	+3.0613	− 88	+ 1 28 18.60	+19.817	−143
894	ω² Aquarii	4.62	A o	23 39 49.139	+3.1109	+ 66	−14 51 16.93	+19.901	− 64
1621	[106 Aquarii]	5.26	B 8	23 41 17.886	+3.1117	+ 19	−18 35 16.04	+19.982	+ 6
1622	[ψ Andromedae]	5.09	K o + A 5	23 43 15.030	+2.9725	+ 6	+46 6 33.58	+19.988	− 1
1623	[20 Piscium]	5.60	K o	23 45 3.747	+3.0838	+ 60	− 3 4 22.60	+20.012	+ 12
895	41 H. Cephei	5.02	A o	23 45 13.029	+2.8670	+ 13	+67 29 44.28	+20.005	+ 3
896	δ Sculptoris	4.64	A o	23 46 0.721	+3.1253	+ 81	−28 26 24.04	+19.906	−100
1624	[Pi 23ʰ 194 Aqar]	7.14	K o	23 46 32.215	+3.1044	− 3	−21 55 31.95	+20.021	+ 12
897	[268 G. Aquarii]	6.08	K o	23 47 21.347	+3.0958	+ 92	−10 17 12.71	+20.091	+ 79
898	φ Pegasi	5.23	M o	23 49 38.112	+3.0521	− 5	+18 48 33.38	+19.992	− 30
1625	[82 Pegasi]	5.39	A 3	23 49 45.571	+3.0603	− 16	+10 38 8.74	+20.030	+ 7
899	ρ Cassiopeiae	4.4–5.1	F 8 p	23 51 34.426	+2.9966	− 7	+57 11 16.38	+20.034	+ 5
1626	[27 G. Phoenicis]	6.01	F 8	23 51 42.699	+3.1465	+320	−40 36 44.14	+20.064	+ 34
1627	[Grb 4163 Ceph]	6.57	B 9	23 52 4.637	+2.9089	− 26	+74 5 55.03	+20.030	− 1
1628	[Pi 23ʰ 235 Pegs]	6.30	M o	23 53 50.034	+3.0568	− 16	+22 20 11.45	+20.040	+ 4
1629	[ψ Pegasi]	4.75	M o	23 54 54.025	+3.0568	− 27	+24 49 48.70	+20.013	− 25
900	27 Piscium	5.07	K o	23 55 48.338	+3.0716	− 33	− 3 51 59.96	+19.974	− 66
901	[π Phoenicis]	5.14	K o	23 56 2.102	+3.1093	+ 56	−53 3 30.98	+20.109	+ 69
902	ω Piscium	4.03	F 5	23 56 26.009	+3.0809	+101	+ 6 33 11.85	+19.932	−108
903	ε Tucanae	4.71	B 9	23 57 1.262	+3.1207	+ 89	−65 53 19.10	+20.023	− 19
904	[ϑ Octantis]	4.73	K o	23 58 44.846	+3.0900	−151	−77 22 28.92	+19.883	−160
1630	[30 Piscium]	4.66	M 3	23 59 5.262	+3.0771	+ 34	− 6 19 30.81	+20.010	− 33

Von den Sternen, deren Namen eingeklammert sind, folgen keine Ephemeriden

Nördliche Polsterne

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.ˢ001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.″001
		m		h m s	s		° ′ ″	″	
Na	43 H. Cephei	4.52	K 0	1 0 41.90	+ 8.109	+ 77	+85 57 28.28	+19.336	− 6
Nb	α Ursae min.	2.12*	F 8 v	1 44 59.65	+37.246	+173	+88 59 56.33	+17.960	− 5
Nα	[Br 256 Ceph]	6.86	K 0	2 7 56.99	+ 9.144	+ 39	+83 18 3.00	+16.955	− 41
Nβ	[Br 402 Ceph]	5.78	K 0	3 18 41.16	+14.158	+ 57	+84 43 6.75	+12.833	−129
Nc	Grb 750 Ceph	6.70	F 8	4 18 4.84	+18.102	+ 18	+85 24 11.83	+ 8.638	+ 28
Nγ	[+85° 74 Ceph]	6.54	A 5	5 11 42.25	+21.277	+ 24	+85 53 16.26	+ 4.095	− 81
Nδ	[Grb 944 Ceph]	6.41	K 0	5 43 41.09	+18.866	+ 12	+85 10 19.30	+ 1.415	+ 3
Nd	51 H. Cephei	5.26	M 0	7 15 1.32	+28.311	− 48	+87 8 14.10	− 6.499	− 34
Nε	[Grb 1359 Caml]	6.39	A 0	8 3 47.56	+14.392	− 8	+84 13 33.18	−10.337	− 22
Nζ	[+84° 196 Caml]	6.26	F 0	9 4 1.18	+12.567	+ 18	+84 24 37.16	−14.417	+ 9
Ne	1 H. Draconis	4.58	K 2	9 29 16.09	+ 8.579	− 7	+81 34 35.70	−15.885	− 18
Nf	30 H. Camelop.	5.34	F 2	10 24 26.01	+ 7.336	− 44	+82 50 41.91	−18.303	+ 25
Nη	[+86° 161 Caml]	7.17	A 2	11 8 5.35	+ 7.258	− 41	+85 56 40.82	−19.533	+ 1
Nϑ	[Grb 1850 Caml]	6.38	F 5	12 1 52.77	+ 2.869	− 50	+85 53 50.56	−19.954	+ 88
Nι	[Grb 2063 Caml]	6.16	G 5	13 43 50.93	− 1.691	+ 20	+83 2 1.36	−18.069	− 48
Nκ	[Grb 2196 UMin]	5.73	G 0	14 53 57.87	− 4.056	+ 90	+82 44 35.75	−14.775	−232
Nλ	[Grb 2315 UMin]	7.32	A 2	15 49 5.56	− 6.234	+ 4	+83 7 8.55	−10.840	− 1
Ng	ε Ursae min.	4.40	G 5	16 51 37.81	− 6.162	+ 6	+82 7 57.05	− 5.891	+ 4
Nh	δ Ursae min.	4.44	A 0	17 50 14.99	−19.458	+ 12	+86 36 40.14	− 0.811	+ 55
Ni	λ Ursae min.	6.55	M 3	18 29 3.76	−76.804	−112	+89 2 50.29	+ 2.481	+ 2
Nμ	[Br 2412 Drac]	6.15	A 2	18 31 35.35	− 7.920	+ 6	+83 8 16.35	+ 2.718	− 31
Nν	[Grb 3212 Drac]	6.61	A 2	20 7 45.77	− 8.737	− 9	+84 30 33.17	+10.555	− 41
Nk	76 Draconis	5.69	A 0	20 46 45.85	− 4.321	+ 14	+82 19 32.31	+13.356	+ 27
Nξ	[32 H. Cephei]	5.38	A 0	22 18 2.54	− 4.766	+ 51	+85 49 38.26	+18.140	+ 49
No	[36 H. Cephei]	4.96	K 5	22 54 55.93	− 0.460	+ 58	+84 2 48.23	+19.274	+ 33
Nπ	[V Cephei]	6.42	A 0	23 53 47.03	+ 2.810	+ 26	+82 52 46.05	+20.054	+ 18

* var.

Von den Sternen, deren Namen eingeklammert sind, folgen keine Ephemeriden.

Mittlere Sternörter 1944.0

Südliche Polsterne

Nr.	Name	Größe	Spektrum	AR. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.ˢ001	Dekl. 1944.0	Jährl. Veränderung 1944.5	Jährl. Eigenbew. in 0.″001
		m		h m s	s		° ′ ″	″	
Sα	[o Octantis]	7.22	A 0	0 12 16.55	+ 0.033	+ 45	−88 40 27.60	+20.016	+ 3
Sa	4 G. Octantis	5.63	K 0	1 40 25.86	− 3.451	+ 22	−85 3 11.75	+18.175	+ 25
Sβ	[Lac 1029 Octn]	7.76	F 0	2 28 58.58	− 8.391	+ 1	−85 58 8.33	+15.938	− 21
Sγ	[Lac 1848 Octn]	8.35	G 5	2 40 49.81	−27.655	− 48	−88 23 36.70	+15.299	− 21
Sδ	[12 G. Mensae]	6.76	A 2	4 29 15.31	− 7.008	− 10	−83 1 24.64	+ 7.737	+ 2
Sb	ξ Mensae	5.85	K 0	5 5 10.22	− 6.854	− 3	−82 32 55.02	+ 4.765	+ 10
Sε	[31 G. Mensae]	6.24	A 0	5 41 0.42	−11.620	− 8	−84 49 8.19	+ 1.716	+ 49
Sζ	[6 G. Octantis]	6.74	K 0	5 54 37.38	−15.723	− 15	−85 55 54.24	+ 0.486	+ 4
Sη	[7 G. Octantis]	6.41	F 2	7 7 5.27	−20.925	+ 10	−86 56 53.31	− 5.767	+ 3
Sϑ	[A Octantis]	7.75	A 0	7 17 57.17	−51.381	− 10	−88 40 22.18	− 6.637	+ 15
Sc	ζ Octantis	5.38	F 0	9 5 12.91	− 8.607	− 91	−85 26 31.35	−14.451	+ 36
Sι	[10 G. Octantis]	6.74	A 0	10 34 30.09	− 3.569	− 2	−85 48 3.76	−18.659	+ 4
Sϰ	[η Octantis]	6.26	A 0	10 59 45.11	− 0.448	− 44	−84 17 33.45	−19.360	− 5
Sd	ι Octantis	5.38	K 0	12 48 52.54	+ 6.244	+ 46	−84 49 11.32	−19.563	+ 24
Sλ	[ϰ Octantis]	5.65	A 2	13 31 27.74	+ 9.614	− 67	−85 30 3.25	−18.488	− 22
Se	20 G. Octantis	6.52	A 2	14 58 31.20	+28.848	−177	−87 55 27.30	−14.318	− 69
Sμ	[ρ Octantis]	5.66	A 2	15 30 3.24	+13.764	+ 91	−84 17 2.61	−12.098	+ 90
Sf	26 G. Octantis	6.13	A 0	16 39 35.99	+22.346	+ 10	−86 16 14.87	− 6.872	0
Sg	χ Octantis	5.22	K 0	18 22 14.54	+35.485	− 72	−87 39 21.74	+ 1.837	−131
Sν	[44 G. Octantis]	6.32	K 0	19 45 49.60	+11.075	+ 5	−81 29 41.92	+ 8.938	+ 1
Sh	σ Octantis	5.48	F 0	20 7 11.52	+80.074	+133	−89 9 23.67	+10.608	− 3
Sξ	[48 G. Octantis]	7.08	A 0	20 29 34.60	+14.339	+ 36	−84 36 11.04	+12.160	− 20
So	[B Octantis]	6.54	A 5	22 16 26.14	+40.345	+ 61	−89 6 24.82	+18.002	− 41
Sπ	[υ Octantis]	5.74	K 0	22 21 30.76	+11.527	− 37	−86 15 16.65	+18.286	+ 62
Si	β Octantis	4.34	F 0	22 40 27.72	+ 6.153	− 23	−81 40 34.10	+18.858	+ 9
Sk	τ Octantis	5.56	K 0	23 20 28.23	+ 9.026	+ 27	−87 47 26.02	+19.758	+ 11

Von den Sternen, deren Namen eingeklammert sind, folgen keine Ephemeriden.

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Tag	1) α Andromedae AR.		1) α Andromedae Dekl.		2) β Cassiopeiae AR.		2) β Cassiopeiae Dekl.		3) ε Phoenicis AR.		3) ε Phoenicis Dekl.		7) γ Pegasi AR.		7) γ Pegasi Dekl.	
1944	$0^h\ 5^m$		$+28°\ 46'$		$0^h\ 6^m$		$+58°\ 50'$		$0^h\ 6^m$		$-46°\ 3'$		$0^h\ 10^m$		$+14°\ 52'$	
Jan. 0	$28^s.444$	148	$55''.96$	94	$10^s.042$	329	$38''.75$	74	$33^s.038$	198	$43''.52$	29	$20^s.049$	124	$18''.81$	86
10	28.296	142	55.02	120	9.713	318	38.01	125	32.840	183	43.23	74	19.925	118	17.95	98
20	28.154	131	53.82	141	9.395	294	36.76	173	32.657	162	42.49	118	19.807	110	16.97	104
30	28.023	113	52.41	157	9.101	258	35.03	212	32.495	136	41.31	160	19.697	95	15.93	108
Febr. 9	27.910	89	50.84	165	8.843	210	32.91	243	32.359	103	39.71	196	19.602	74	14.85	106
19	27.821	57	49.19	167	8.633	151	30.48	265	32.256	67	37.75	229	19.528	48	13.79	99
29	27.764	21	47.52	161	8.482	82	27.83	275	32.189	24	35.46	256	19.480	16	12.80	86
März 10	27.743	20	45.91	147	8.400	6	25.08	274	32.165	21	32.90	279	19.464	20	11.94	68
20	27.763	65	44.44	125	8.394	73	22.34	261	32.186	71	30.11	295	19.484	59	11.26	45
30	27.828	112	43.19	98	8.467	153	19.73	238	32.257	122	27.16	305	19.543	101	10.81	18
Apr. 9	27.940	159	42.21	65	8.620	230	17.35	206	32.379	174	24.11	310	19.644	144	10.63	12
19	28.099	203	41.56	28	8.850	302	15.29	166	32.553	225	21.01	308	19.788	184	10.75	44
29	28.302	244	41.28	11	9.152	366	13.63	119	32.778	272	17.93	300	19.972	223	11.19	75
Mai 9	28.546	279	41.39	50	9.518	419	12.44	69	33.050	315	14.93	283	20.195	256	11.94	106
19	28.825	306	41.89	88	9.937	459	11.75	17	33.365	351	12.10	261	20.451	282	13.00	134
29	29.131	326	42.77	125	10.396	486	11.58	37	33.716	380	9.49	234	20.733	302	14.34	160
Juni 8	29.457	336	44.02	158	10.882	500	11.95	89	34.096	399	7.15	199	21.035	314	15.94	181
18	29.793	338	45.60	186	11.382	499	12.84	138	34.495	407	5.16	160	21.349	317	17.75	197
28	30.131	330	47.46	210	11.881	485	14.22	183	34.902	405	3.56	117	21.666	312	19.72	208
Juli 8	30.461	315	49.56	229	12.366	459	16.05	225	35.307	393	2.39	71	21.978	299	21.80	214
18	30.776	291	51.85	241	12.825	422	18.30	259	35.700	370	1.68	23	22.277	278	23.94	213
28	31.067	261	54.26	247	13.247	376	20.89	289	36.070	336	1.45	25	22.555	252	26.07	210
Aug. 7	31.328	227	56.73	249	13.623	322	23.78	312	36.406	296	1.70	71	22.807	220	28.17	200
17	31.555	188	59.22	245	13.945	264	26.90	328	36.702	247	2.41	115	23.027	184	30.17	186
27	31.743	148	61.67	237	14.209	201	30.18	337	36.949	194	3.56	153	23.211	147	32.03	169
Sept. 6	31.891	106	64.04	224	14.410	138	33.55	339	37.143	138	5.09	187	23.358	109	33.72	151
16	31.997	66	66.28	206	14.548	73	36.94	335	37.281	81	6.96	212	23.467	71	35.23	129
25	[22] 32.063	28	68.34	186	[22] 14.621	11	40.29	323	[22] 37.362	24	9.08	228	[23] 23.538	35	36.52	107
Okt. 5	32.091	8	70.20	164	14.632	49	43.52	305	37.386	28	11.36	235	23.573	3	37.59	85
15	32.083	39	71.84	138	14.583	104	46.57	281	37.358	75	13.71	233	23.576	26	38.44	61
25	32.044	67	73.22	111	14.479	157	49.38	249	37.283	117	16.04	220	23.550	52	39.05	40
Nov. 4	31.977	90	74.33	81	14.322	203	51.87	212	37.166	150	18.24	198	23.498	72	39.45	18
14	31.887	110	75.14	51	14.119	243	53.99	170	37.016	176	20.22	169	23.426	90	39.63	4
24	31.777	126	75.65	19	13.876	277	55.69	122	36.840	193	21.91	132	23.336	103	39.59	23
Dez. 4	31.651	137	75.84	13	13.599	304	56.91	71	36.647	203	23.23	91	23.233	114	39.36	43
14	31.514	144	75.71	44	13.295	321	57.62	17	36.444	205	24.14	45	23.119	119	38.93	59
24	31.370	146	75.27	74	12.974	327	57.79	38	36.239	200	24.59	1	23.000	121	38.34	76
34	31.224		74.53		12.647		57.41		36.039		24.58		22.879		37.58	
Mittl. Ort	29.235		52.84		10.512		27.58		34.512		22.48		20.910		20.48	
sec δ, tg δ	1.141		+0.549		1.933		+1.654		1.441		−1.038		1.035		+0.266	
a, *a′*	+3.1		+20.0		+3.1		+20.0		+3.0		+20.0		+3.1		+20.0	
b, *b′*	+0.04		− 0.02		+0.11		− 0.03		−0.07		− 0.03		+0.02		− 0.05	

Tag	9) ι Ceti AR.		9) ι Ceti Dekl.		10) ζ Tucanae[1] AR.		10) ζ Tucanae[1] Dekl.		11) β Hydri[2] AR.		11) β Hydri[2] Dekl.		12) α Phoenicis AR.		12) α Phoenicis Dekl.	
1944	0h 16m		−9° 7′		0h 17m		−65° 11′		0h 22m		−77° 33′		0h 23m		−42° 36′	
	s		″		s		″		s		″		s		″	
Jan. 0	33.457	116	73.30	60	8.09	40	98.20	75	47.61	86	96.21	97	29.992	189	56.17	3
10	33.341	112	73.90	44	7.69	37	97.45	130	46.75	82	95.24	158	29.803	179	56.14	47
20	33.229	103	74.34	27	7.32	33	96.15	183	45.93	73	93.66	211	29.624	163	55.67	92
30	33.126	89	74.61	9	6.99	27	94.32	230	45.20	64	91.55	259	29.461	143	54.75	133
Febr. 9	33.037	70	74.70	10	6.72	23	92.02	271	44.56	51	88.96	300	29.318	115	53.42	171
19	32.967	45	74.60	31	6.49	16	89.31	305	44.05	40	85.96	332	29.203	83	51.71	205
29	32.922	18	74.29	55	6.33	8	86.26	331	43.65	24	82.64	358	29.120	44	49.66	236
März 10	32.904	16	73.74	78	6.25	2	82.95	352	43.41	10	79.06	374	29.076	2	47.30	260
20	32.920	54	72.96	101	6.23	6	79.43	362	43.31	5	75.32	382	29.074	45	44.70	280
30	32.974	93	71.95	125	6.29	16	75.81	366	43.36	21	71.50	381	29.119	94	41.90	295
Apr. 9	33.067	133	70.70	148	6.45	22	72.15	363	43.57	37	67.69	373	29.213	144	38.95	303
19	33.200	173	69.22	168	6.67	31	68.52	350	43.94	51	63.96	356	29.357	194	35.92	305
29	33.373	211	67.54	185	6.98	38	65.02	332	44.45	65	60.40	333	29.551	242	32.87	300
Mai 9	33.584	244	65.69	198	7.36	46	61.70	305	45.10	77	57.07	300	29.793	286	29.87	290
19	33.828	273	63.71	207	7.82	51	58.65	272	45.87	90	54.07	262	30.079	323	26.97	271
29	34.101	294	61.64	212	8.33	55	55.93	233	46.77	98	51.45	219	30.402	353	24.26	248
Juni 8	34.395	308	59.52	210	8.88	59	53.60	187	47.75	104	49.26	170	30.755	374	21.78	217
18	34.703	314	57.42	203	9.47	61	51.73	138	48.79	109	47.56	117	31.129	386	19.61	181
28	35.017	311	55.39	191	10.08	62	50.35	84	49.88	111	46.39	59	31.515	388	17.80	141
Juli 8	35.328	300	53.48	173	10.70	60	49.51	30	50.99	109	45.80	3	31.903	379	16.39	96
18	35.628	283	51.75	152	11.30	57	49.21	25	52.08	104	45.77	54	32.282	361	15.43	50
28	35.911	258	50.23	127	11.87	53	49.46	80	53.12	96	46.31	110	32.643	332	14.93	3
Aug. 7	36.169	228	48.96	100	12.40	46	50.26	130	54.08	87	47.41	163	32.975	296	14.90	45
17	36.397	193	47.96	70	12.86	40	51.56	179	54.95	72	49.04	210	33.271	254	15.35	90
27	36.590	156	47.26	41	13.26	31	53.35	218	55.67	59	51.14	248	33.525	205	16.25	131
Sept. 6	36.746	117	46.85	13	13.57	21	55.53	251	56.26	40	53.62	279	33.730	153	17.56	166
16	36.863	79	46.72	15	13.78	13	58.04	273	56.66	23	56.41	299	33.883	100	19.22	195
25*)	[25] 36.942	43	46.87	38	[25] 13.91	4	60.77	285	[27] 56.89	3	59.40	309	[27] 33.983	48	21.17	215
Okt. 5	36.985	9	47.25	58	13.95	7	63.62	287	56.92	14	62.49	306	34.031	1	23.32	227
15	36.994	21	47.83	74	13.88	14	66.49	277	56.78	32	65.55	290	34.030	47	25.59	230
25	36.973	47	48.57	85	13.74	22	69.26	255	56.46	48	68.45	264	33.983	88	27.89	221
Nov. 4	36.926	69	49.42	90	13.52	28	71.81	222	55.98	63	71.09	226	33.895	121	30.10	205
14	36.857	86	50.32	93	13.24	35	74.03	179	55.35	73	73.35	178	33.774	148	32.15	180
24	36.771	99	51.25	91	12.89	38	75.82	131	54.62	82	75.13	124	33.626	169	33.95	148
Dez. 4	36.672	108	52.16	85	12.51	39	77.13	76	53.80	87	76.37	65	33.457	181	35.43	109
14	36.564	113	53.01	77	12.12	41	77.89	19	52.93	90	77.02	2	33.276	188	36.52	68
24	36.451	114	53.78	65	11.71	40	78.08	41	52.03	88	77.04	61	33.088	189	37.20	23
34	36.337		54.43		11.31		77.67		51.15		76.43		32.899		37.43	
Mittl. Ort	34.445		62.99		10.00		73.34		50.49		70.06		31.243		35.44	
sec δ, tg δ	1.013		−0.161		2.384		−2.165		4.646		−4.537		1.359		−0.920	
a, *a′*	+3.1		+20.0		+2.9		+20.0		+2.5		+19.9		+2.9		+19.9	
b, *b′*	−0.01		− 0.07		−0.14		− 0.07		−0.30		− 0.10		−0.06		− 0.10	

[1]) Die jährliche Parallaxe (0.″133) ist bereits berücksichtigt.

[2]) Die jährliche Parallaxe (0.″143) ist bereits berücksichtigt.

*) Bei Stern 11) und 12) lies Sept. 26.

Tag	13) 12 Ceti AR.		13) 12 Ceti Dekl.		17) ζ Cassiopeiae AR.		17) ζ Cassiopeiae Dekl.		18) π Andromedae AR.		18) π Andromedae Dekl.		20) δ Andromedae AR.		20) δ Andromedae Dekl.	
1944	$0^h\ 27^m$		−4° 15′		$0^h\ 33^m$		+53° 35′		$0^h\ 33^m$		+33° 24′		$0^h\ 36^m$		+30° 33′	
	s		″		s		″		s		″		s		″	
Jan. 0	9.903	117	68.13	66	49.919	274	29.96	46	52.372	164	44.80	70	19.002	155	20.33	70
10	9.786	114	68.79	57	49.645	274	29.50	96	52.208	164	44.10	101	18.847	157	19.63	98
20	9.672	108	69.36	44	49.371	264	28.54	140	52.044	158	43.09	127	18.690	150	18.65	122
30	9.564	95	69.80	31	49.107	240	27.14	180	51.886	144	41.82	149	18.540	138	17.43	141
Febr. 9	9.469	78	70.11	14	48.867	207	25.34	211	51.742	123	40.33	164	18.402	118	16.02	155
19	9.391	56	70.25	$\overline{5}$	48.660	161	23.23	234	51.619	94	38.69	173	18.284	90	14.47	160
29	9.335	28	70.20	26	48.499	106	20.89	247	51.525	57	36.96	173	18.194	56	12.87	160
März 10	9.307	$\overline{6}$	69.94	48	48.393	43	18.42	250	51.468	14	35.23	165	18.138	15	11.27	150
20	9.313	42	69.46	73	48.350	$\overline{25}$	15.92	241	51.454	$\overline{33}$	33.58	149	18.123	$\overline{31}$	9.77	134
30	9.355	82	68.73	96	48.375	96	13.51	223	51.487	82	32.09	127	18.154	79	8.43	112
Apr. 9	9.437	123	67.77	121	48.471	167	11.28	196	51.569	133	30.82	97	18.233	129	7.31	82
19	9.560	164	66.56	143	48.638	234	9.32	161	51.702	184	29.85	63	18.362	176	6.49	49
29	9.724	202	65.13	163	48.872	296	7.71	119	51.886	229	29.22	26	18.538	222	6.00	13
Mai 9	9.926	237	63.50	181	49.168	349	6.52	74	52.115	269	28.96	$\overline{13}$	18.760	262	5.87	$\overline{24}$
19	10.163	265	61.69	195	49.517	392	5.78	26	52.384	303	29.09	54	19.022	295	6.11	63
29	10.428	288	59.74	203	49.909	425	5.52	$\overline{24}$	52.687	328	29.63	91	19.317	320	6.74	100
Juni 8	10.716	304	57.71	206	50.334	444	5.76	72	53.015	344	30.54	128	19.637	336	7.74	133
18	11.020	311	55.65	205	50.778	452	6.48	119	53.359	351	31.82	161	19.973	343	9.07	164
28	11.331	309	53.60	197	51.230	448	7.67	162	53.710	348	33.43	189	20.316	342	10.71	190
Juli 8	11.640	301	51.63	185	51.678	432	9.29	202	54.058	337	35.32	212	20.658	331	12.61	210
18	11.941	284	49.78	168	52.110	405	11.31	235	54.395	318	37.44	231	20.989	313	14.71	227
28	12.225	261	48.10	147	52.515	371	13.66	264	54.713	291	39.75	244	21.302	287	16.98	237
Aug. 7	12.486	232	46.63	122	52.886	329	16.30	287	55.004	259	42.19	250	21.589	256	19.35	242
17	12.718	199	45.41	96	53.215	280	19.17	303	55.263	223	44.69	253	21.845	221	21.77	242
27	12.917	164	44.45	69	53.495	229	22.20	313	55.486	183	47.22	249	22.066	183	24.19	237
Sept. 6	13.081	126	43.76	42	53.724	176	25.33	317	55.669	143	49.71	241	22.249	143	26.56	227
16	13.207	89	43.34	15	53.900	120	28.50	315	55.812	102	52.12	228	22.392	104	28.83	214
26	13.296	53	43.19	$\overline{9}$	54.020	66	31.65	305	55.914	62	54.40	213	22.496	66	30.97	197
Okt. 5	[18] 13.349	21	43.28	30	[29] 54.086	14	34.70	291	[29] 55.976	25	56.53	193	[30] 22.562	29	32.94	177
15	13.370	$\overline{10}$	43.58	48	54.100	$\overline{36}$	37.61	270	56.001	$\overline{10}$	58.46	170	22.591	$\overline{5}$	34.71	154
25	13.360	36	44.06	61	54.064	84	40.31	244	55.991	42	60.16	144	22.586	35	36.25	130
Nov. 4	13.324	58	44.67	72	53.980	127	42.75	212	55.949	70	61.60	117	22.551	64	37.55	102
14	13.266	77	45.39	78	53.853	167	44.87	174	55.879	95	62.77	86	22.487	87	38.57	74
24	13.189	92	46.17	80	53.686	201	46.61	132	55.784	117	63.63	53	22.400	109	39.31	44
Dez. 4	13.097	102	46.97	79	53.485	230	47.93	85	55.667	135	64.16	21	22.291	126	39.75	13
14	12.995	109	47.76	76	53.255	253	48.78	37	55.532	149	64.37	$\overline{14}$	22.165	141	39.88	$\overline{19}$
24	12.886	114	48.52	69	53.002	268	49.15	$\overline{13}$	55.383	158	64.23	48	22.024	149	39.69	50
34	12.772		49.21		52.734		49.02		55.225		63.75		21.875		39.19	
Mittl. Ort	10.793		59.26		50.258		20.50		52.959		40.84		19.599		17.33	
sec δ, tg δ	1.003		−0.075		1.685		+1.356		1.198		+0.660		1.161		+0.590	
a, a′	+3.1		+19.9		+3.3		+19.8		+3.2		+19.8		+3.2		+19.8	
b, b′	0.00		− 0.12		+0.09		− 0.15		+0.04		− 0.15		+0.04		− 0.16	

Scheinbare Sternörter 1944

Tag	21) α Cassiopeiae				22) β Ceti				25) o Cassiopeiae				24) 21 Cassiopeiae			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	$0^h\ 37^m$		$+56°\ 13'$		$0^h\ 40^m$		$-18°\ 17'$		$0^h\ 41^m$		$+47°\ 58'$		$0^h\ 41^m$		$+74°\ 40'$	
	s		″		s		″		s		″		s		″	
Jan. 0	18.607	300	60.12	39	45.856	128	51.19	54	35.215	231	49.66	46	55.24	75	69.55	4
10	18.307	301	59.73	89	45.728	128	51.73	28	34.984	234	49.20	91	54.49	74	69.59	58
20	18.006	290	58.84	136	45.600	121	52.01	3	34.750	226	48.29	131	53.75	72	69.01	116
30	17.716	265	57.48	177	45.479	110	52.04	25	34.524	208	46.98	166	53.03	66	67.85	170
Febr. 9	17.451	230	55.71	212	45.369	94	51.79	52	34.316	181	45.32	195	52.37	58	66.15	218
19	17.221	181	53.59	238	45.275	71	51.27	78	34.135	144	43.37	215	51.79	47	63.97	256
29	17.040	122	51.21	252	45.204	43	50.49	105	33.991	97	41.22	226	51.32	33	61.41	282
März 10	16.918	56	48.69	257	45.161	11	49.44	131	33.894	43	38.96	227	50.99	20	58.59	297
20	16.862	17	46.12	251	45.150	27	48.13	156	33.851	17	36.69	218	50.79	4	55.62	301
30	16.879	93	43.61	235	45.177	68	46.57	178	33.868	80	34.51	200	50.75	12	52.61	291
Apr. 9	16.972	169	41.26	208	45.245	111	44.79	198	33.948	144	32.51	173	50.87	28	49.70	271
19	17.141	241	39.18	173	45.356	153	42.81	214	34.092	205	30.78	139	51.15	42	46.99	240
29	17.382	307	37.45	133	45.509	194	40.67	227	34.297	262	29.39	100	51.57	56	44.59	202
Mai 9	17.689	365	36.12	88	45.703	231	38.40	234	34.559	311	28.39	57	52.13	67	42.57	156
19	18.054	411	35.24	39	45.934	263	36.06	238	34.870	352	27.82	11	52.80	76	41.01	106
29	18.465	445	34.85	12	46.197	290	33.68	234	35.222	384	27.71	35	53.56	82	39.95	52
Juni 8	18.910	467	34.97	61	46.487	308	31.34	225	35.606	403	28.06	80	54.38	87	39.43	3
18	19.377	476	35.58	108	46.795	320	29.09	210	36.009	413	28.86	124	55.25	90	39.46	58
28	19.853	472	36.66	154	47.115	321	26.99	190	36.422	411	30.10	163	56.15	88	40.04	112
Juli 8	20.325	457	38.20	195	47.436	316	25.09	165	36.833	398	31.73	199	57.03	86	41.16	161
18	20.782	430	40.15	231	47.752	301	23.44	136	37.231	377	33.72	230	57.89	80	42.77	208
28	21.212	394	42.46	262	48.053	280	22.08	103	37.608	346	36.02	254	58.69	75	44.85	250
Aug. 7	21.606	350	45.08	286	48.333	253	21.05	68	37.954	310	38.56	274	59.44	66	47.35	286
17	21.956	300	47.94	305	48.586	220	20.37	33	38.264	268	41.30	287	60.10	57	50.21	316
27	22.256	246	50.99	318	48.806	183	20.04	3	38.532	222	44.17	295	60.67	46	53.37	339
Sept. 6	22.502	190	54.17	323	48.989	145	20.07	35	38.754	174	47.12	296	61.13	35	56.76	356
16	22.692	132	57.40	322	49.134	106	20.42	66	38.928	125	50.08	292	61.48	24	60.32	365
26	22.824	74	60.62	316	49.240	68	21.08	92	39.053	78	53.00	282	61.72	11	63.97	367
Okt. 5	[30] 22.898	18	63.78	302	[1] 49.308	31	22.00	112	[1] 39.131	31	55.82	267	[1] 61.83	0	67.64	361
15	22.916	36	66.80	282	49.339	2	23.12	126	39.162	14	58.49	247	61.83	13	71.25	348
25	22.880	87	69.62	257	49.337	32	24.38	134	39.148	55	60.96	221	61.70	24	74.73	325
Nov. 4	22.793	135	72.19	225	49.305	57	25.72	136	39.093	94	63.17	191	61.46	35	77.98	296
14	22.658	178	74.44	188	49.248	79	27.08	132	38.999	129	65.08	156	61.11	46	80.94	258
24	22.480	217	76.32	144	49.169	96	28.40	121	38.870	159	66.64	117	60.65	55	83.52	214
Dez. 4	22.263	250	77.76	98	49.073	109	29.61	106	38.711	187	67.81	75	60.10	63	85.66	162
14	22.013	275	78.74	48	48.964	119	30.67	88	38.524	209	68.56	30	59.47	69	87.28	105
24	21.738	293	79.22	3	48.845	124	31.55	66	38.315	223	68.86	16	58.78	73	88.33	45
34	21.445		79.19		48.721		32.21		38.092		68.70		58.05		88.78	
Mittl. Ort	18.868		50.15		46.749		37.18		35.588		41.75		54.63		56.59	
sec δ, tg δ	1.799		+1.496		1.053		−0.331		1.494		+1.110		3.785		+3.651	
a, a′	+3.4		+19.8		+3.0		+19.7		+3.3		+19.7		+4.0		+19.7	
b, b′	+0.10		− 0.16		−0.02		− 0.18		+0.07		− 0.18		+0.24		− 0.18	

Obere Kulmination Greenwich

Tag	27) ζ Andromedae AR.		27) ζ Andromedae Dekl.		32) γ Cassiopeiae AR.		32) γ Cassiopeiae Dekl.	
1944	0h 44m		+23° 57′		0h 53m		+60° 24′	
	s		″		s		″	
Jan. 0	21.277	141	47.12	69	18.55	35	60.79	11
10	21.136	143	46.43	90	18.20	35	60.68	64
20	20.993	139	45.53	107	17.85	35	60.04	115
30	20.854	130	44.46	120	17.50	32	58.89	161
Febr. 9	20.724	112	43.26	128	17.18	29	57.28	201
19	20.612	88	41.98	130	16.89	24	55.27	232
29	20.524	56	40.68	125	16.65	17	52.95	253
März 10	20.468	20	39.43	115	16.48	10	50.42	263
20	20.448	$\overline{23}$	38.28	97	16.38	2	47.79	263
30	20.471	69	37.31	74	16.36	$\overline{7}$	45.16	251
Apr. 9	20.540	115	36.57	47	16.43	16	42.65	229
19	20.655	161	36.10	16	16.59	23	40.36	199
29	20.816	205	35.94	$\overline{18}$	16.82	32	38.37	161
Mai 9	21.021	244	36.12	51	17.14	38	36.76	118
19	21.265	276	36.63	85	17.52	44	35.58	70
29	21.541	303	37.48	117	17.96	48	34.88	20
Juni 8	21.844	320	38.65	146	18.44	50	34.68	$\overline{31}$
18	22.164	328	40.11	170	18.94	53	34.99	80
28	22.492	329	41.81	191	19.47	52	35.79	127
Juli 8	22.821	320	43.72	206	19.99	52	37.06	172
18	23.141	305	45.78	217	20.51	48	38.78	211
28	23.446	281	47.95	221	20.99	45	40.89	246
Aug. 7	23.727	252	50.16	221	21.44	41	43.35	276
17	23.979	220	52.37	216	21.85	36	46.11	298
27	24.199	185	54.53	207	22.21	30	49.09	316
Sept. 6	24.384	147	56.60	194	22.51	24	52.25	327
16	24.531	110	58.54	178	22.75	17	55.52	330
26	24.641	73	60.32	160	22.92	12	58.82	329
Okt. 5	[2] 24.714	39	61.92	139	[4] 23.04	5	62.11	319
15	24.753	$\underline{7}$	63.31	118	23.09	$\overline{2}$	65.30	303
25	24.760	23	64.49	95	23.07	7	68.33	281
Nov. 4	24.737	49	65.44	70	23.00	13	71.14	252
14	24.688	72	66.14	47	22.87	19	73.66	217
24	24.616	93	66.61	21	22.68	23	75.83	176
Dez. 4	24.523	110	66.82	$\overline{4}$	22.45	27	77.59	129
14	24.413	124	66.78	28	22.18	31	78.88	78
24	24.289	134	66.50	53	21.87	34	79.66	26
34	24.155		65.97		21.53		79.92	
Mittl. Ort	21.881		46.47		18.57		50.37	
sec δ, tg δ	1.094		+0.444		2.025		+1.761	
a, a′	+3.2		+19.7		+3.6		+19.5	
b, b′	+0.03		− 0.19		+0.11		− 0.23	

Tag	33) μ Andromedae AR.		33) μ Andromedae Dekl.		35) α Sculptoris AR.		35) α Sculptoris Dekl.	
1944	0h 53m		+38° 11′		0h 55m		−29° 39′	
	s		″		s		″	
Jan. 0	37.752	180	50.74	48	53.675	153	52.86	47
10	37.572	184	50.26	83	53.522	154	53.33	11
20	37.388	182	49.43	115	53.368	148	53.44	$\overline{26}$
30	37.206	172	48.28	142	53.220	137	53.18	62
Febr. 9	37.034	151	46.86	164	53.083	121	52.56	97
19	36.883	123	45.22	178	52.962	97	51.59	131
29	36.760	86	43.44	184	52.865	69	50.28	162
März 10	36.674	42	41.60	183	52.796	34	48.66	191
20	36.632	$\overline{8}$	39.77	171	52.762	$\overline{5}$	46.75	216
30	36.640	61	38.06	153	52.767	50	44.59	238
Apr. 9	36.701	116	36.53	127	52.817	94	42.21	255
19	36.817	170	35.26	96	52.911	141	39.66	267
29	36.987	221	34.30	60	53.052	186	36.99	274
Mai 9	37.208	267	33.70	21	53.238	227	34.25	276
19	37.475	305	33.49	$\overline{19}$	53.465	264	31.49	270
29	37.780	334	33.68	60	53.729	295	28.79	260
Juni 8	38.114	356	34.28	99	54.024	319	26.19	241
18	38.470	366	35.27	135	54.343	334	23.78	217
28	38.836	367	36.62	167	54.677	340	21.61	187
Juli 8	39.203	359	38.29	196	55.017	338	19.74	153
18	39.562	343	40.25	219	55.355	326	18.21	115
28	39.905	318	42.44	238	55.681	307	17.06	74
Aug. 7	40.223	288	44.82	249	55.988	280	16.32	31
17	40.511	253	47.31	257	56.268	247	16.01	$\overline{12}$
27	40.764	213	49.88	259	56.515	210	16.13	54
Sept. 6	40.977	173	52.47	256	56.725	169	16.67	92
16	41.150	131	55.03	247	56.894	127	17.59	125
26	41.281	91	57.50	236	57.021	84	18.84	152
Okt. 5	[4] 41.372	51	59.86	219	[5] 57.105	44	20.36	173
15	41.423	$\underline{13}$	62.05	199	57.149	$\underline{6}$	22.09	186
25	41.436	23	64.04	175	57.155	30	23.95	190
Nov. 4	41.413	55	65.79	149	57.125	61	25.85	186
14	41.358	85	67.28	119	57.064	86	27.71	174
24	41.273	112	68.47	85	56.978	109	29.45	155
Dez. 4	41.161	137	69.32	51	56.869	126	31.00	130
14	41.024	155	69.83	14	56.743	139	32.30	101
24	40.869	171	69.97	$\overline{23}$	56.604	147	33.31	67
34	40.698		69.74		56.457		33.98	
Mittl. Ort	38.173		45.82		54.526		34.97	
sec δ, tg δ	1.272		+0.787		1.151		−0.569	
a, a′	+3.3		+19.5		+2.9		+19.4	
b, b′	+0.05		− 0.23		−0.04		− 0.24	

Scheinbare Sternörter 1944

Tag	36) ε Piscium				1031) υ Phoenicis				42) β Andromedae				45) υ Piscium			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	$1^h\ 0^m$		$+7°\ 35'$		$1^h\ 5^m$		$-41°\ 46'$		$1^h\ 6^m$		$+35°\ 19'$		$1^h\ 16^m$		$+26°\ 58'$	
Jan. 0	1.389	121	15.38	69	13.682	197	91.19	38	34.929	168	30.82	41	22.505	143	13.93	46
10	1.268	125	14.69	72	13.485	198	91.57	9	34.761	175	30.41	74	22.362	153	13.47	69
20	1.143	125	13.97	72	13.287	192	91.48	55	34.586	176	29.67	102	22.209	156	12.78	90
30	1.018	119	13.25	68	13.095	179	90.93	99	34.410	168	28.65	128	22.053	152	11.88	107
Febr. 9	0.899	106	12.57	62	12.916	160	89.94	142	34.242	153	27.37	148	21.901	139	10.81	120
19	0.793	86	11.95	52	12.756	133	88.52	181	34.089	127	25.89	161	21.762	118	9.61	127
29	0.707	61	11.43	37	12.623	100	86.71	217	33.962	94	24.28	167	21.644	90	8.34	128
März 10	0.646	28	11.06	21	12.523	61	84.54	246	33.868	53	22.61	166	21.554	54	7.06	122
20	0.618	9	10.85	0	12.462	16	82.08	272	33.815	6	20.95	156	21.500	12	5.84	111
30	0.627	50	10.85	23	12.446	33	79.36	293	33.809	46	19.39	138	21.488	34	4.73	92
Apr. 9	0.677	93	11.08	49	12.479	84	76.43	306	33.855	99	18.01	115	21.522	84	3.81	69
19	0.770	137	11.57	75	12.563	137	73.37	315	33.954	152	16.86	85	21.606	133	3.12	41
29	0.907	178	12.32	100	12.700	188	70.22	316	34.106	203	16.01	52	21.739	180	2.71	10
Mai 9	1.085	216	13.32	126	12.888	236	67.06	311	34.309	249	15.49	16	21.919	224	2.61	22
19	1.301	250	14.58	148	13.124	280	63.95	298	34.558	287	15.33	23	22.143	262	2.83	55
29	1.551	276	16.06	166	13.404	317	60.97	278	34.845	319	15.56	61	22.405	293	3.38	87
Juni 8	1.827	296	17.72	182	13.721	346	58.19	252	35.164	342	16.17	97	22.698	316	4.25	118
18	2.123	308	19.54	192	14.067	367	55.67	220	35.506	355	17.14	130	23.014	330	5.43	145
28	2.431	311	21.46	197	14.434	377	53.47	182	35.861	358	18.44	161	23.344	336	6.88	168
Juli 8	2.742	307	23.43	197	14.811	378	51.65	138	36.219	354	20.05	187	23.680	333	8.56	187
18	3.049	295	25.40	191	15.189	368	50.27	91	36.573	340	21.92	209	24.013	323	10.43	201
28	3.344	276	27.31	182	15.557	350	49.36	43	36.913	318	24.01	225	24.336	304	12.44	210
Aug. 7	3.620	252	29.13	168	15.907	322	48.93	7	37.231	291	26.26	236	24.640	280	14.54	214
17	3.872	222	30.81	150	16.229	286	49.00	56	37.522	258	28.62	241	24.920	251	16.68	214
27	4.094	191	32.31	130	16.515	246	49.56	103	37.780	223	31.03	243	25.171	219	18.82	209
Sept. 6	4.285	156	33.61	108	16.761	199	50.59	144	38.003	184	33.46	239	25.390	183	20.91	199
16	4.441	122	34.69	85	16.960	150	52.03	180	38.187	145	35.85	230	25.573	148	22.90	188
26	4.563	87	35.54	63	17.110	101	53.83	209	38.332	106	38.15	219	25.721	112	24.78	173
Okt. 6	4.650	55	36.17	40	17.211	51	55.92	229	38.438	68	40.34	203	25.833	77	26.51	156
15	[6] 4.705	24	36.57	21	[7] 17.262	4	58.21	238	[3] 38.506	31	42.37	184	[10] 25.910	44	28.07	137
25	4.729	4	36.78	1	17.266	39	60.59	239	38.537	3	44.21	162	25.954	11	29.44	116
Nov. 4	4.725	29	36.79	15	17.227	78	62.98	229	38.534	36	45.83	138	25.965	18	30.60	94
14	4.696	51	36.64	29	17.149	112	65.27	210	38.498	66	47.21	110	25.947	46	31.54	71
24	4.645	71	36.35	41	17.037	141	67.37	182	38.432	93	48.31	80	25.901	71	32.25	47
Dez. 4	4.574	89	35.94	50	16.896	163	69.19	148	38.339	119	49.11	48	25.830	95	32.72	22
14	4.485	102	35.44	59	16.733	180	70.67	108	38.220	140	49.59	16	25.735	116	32.94	4
24	4.383	114	34.85	65	16.553	190	71.75	64	38.080	157	49.75	18	25.619	133	32.90	28
34	4.269		34.20		16.363		72.39		37.923		49.57		25.486		32.62	
Mittl. Ort	2.015		20.77		14.521		69.86		35.305		27.10		22.906		13.07	
sec δ, tg δ	1.009		+0.133		1.341		−0.894		1.226		+0.709		1.122		+0.509	
a, a'	+3.1		+19.4		+2.7		+19.2		+3.3		+19.2		+3.3		+18.9	
b, b'	+0.01		− 0.26		−0.06		− 0.28		+0.05		− 0.29		+0.03		− 0.33	

Tag	47) ϑ Ceti				48) δ Cassiopeiae				50) η Piscium				51) 40 Cassiopeiae			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	1h 21m		−8° 28′		1h 22m		+59° 56′		1h 28m		+15° 3′		1h 33m		+72° 45′	
Jan. 0	12.795 s	122	29.92″	74	8.134 s	330	51.45″	25	28.506 s	124	24.50″	57	60.80 s	62	31.33″	72
10	12.673	129	30.66	58	7.804	346	51.70	$\overline{29}$	28.382	134	23.93	66	60.18	65	32.05	11
20	12.544	131	31.24	40	7.458	350	51.41	80	28.248	139	23.27	74	59.53	66	32.16	$\overline{47}$
30	12.413	128	31.64	20	7.108	339	50.61	128	28.109	138	22.53	78	58.87	64	31.69	105
Febr. 9	12.285	118	31.84	0	6.769	312	49.33	170	27.971	129	21.75	80	58.23	60	30.64	158
19	12.167	102	31.84	23	6.457	270	47.63	205	27.842	112	20.95	77	57.63	52	29.06	203
29	12.065	78	31.61	46	6.187	213	45.58	231	27.730	89	20.18	70	57.11	43	27.03	240
März 10	11.987	49	31.15	70	5.974	145	43.27	248	27.641	57	19.48	59	56.68	32	24.63	266
20	11.938	14	30.45	94	5.829	67	40.79	254	27.584	20	18.89	42	56.36	18	21.97	281
30	11.924	$\overline{26}$	29.51	119	5.762	$\overline{16}$	38.25	249	27.564	$\overline{22}$	18.47	23	56.18	$\underline{5}$	19.16	285
Apr. 9	11.950	68	28.32	142	5.778	102	35.76	234	27.586	67	18.24	0	56.13	10	16.31	277
19	12.018	112	26.90	163	5.880	187	33.42	209	27.653	113	18.24	26	56.23	23	13.54	259
29	12.130	155	25.27	182	6.067	267	31.33	177	27.766	158	18.50	53	56.46	37	10.95	231
Mai 9	12.285	195	23.45	198	6.334	340	29.56	139	27.924	200	19.03	81	56.83	49	8.64	196
19	12.480	230	21.47	210	6.674	403	28.17	95	28.124	237	19.84	106	57.32	60	6.68	153
29	12.710	261	19.37	216	7.077	453	27.22	49	28.361	268	20.90	130	57.92	68	5.15	107
Juni 8	12.971	285	17.21	218	7.530	491	26.73	1	28.629	292	22.20	151	58.60	75	4.08	56
18	13.256	301	15.03	213	8.021	515	26.72	$\overline{47}$	28.921	308	23.71	167	59.35	80	3.52	$\underline{5}$
28	13.557	308	12.90	204	8.536	525	27.19	94	29.229	316	25.38	181	60.15	82	3.47	47
Juli 8	13.865	309	10.86	189	9.061	522	28.13	138	29.545	316	27.19	188	60.97	82	3.94	98
18	14.174	301	8.97	169	9.583	507	29.51	179	29.861	308	29.07	192	61.79	81	4.92	145
28	14.475	287	7.28	144	10.090	480	31.30	215	30.169	293	30.99	189	62.60	77	6.37	190
Aug. 7	14.762	265	5.84	117	10.570	444	33.45	247	30.462	272	32.88	183	63.37	72	8.27	230
17	15.027	239	4.67	86	11.014	399	35.92	273	30.734	246	34.71	172	64.09	65	10.57	266
27	15.266	209	3.81	54	11.413	350	38.65	294	30.980	217	36.43	158	64.74	58	13.23	296
Sept. 6	15.475	176	3.27	23	11.763	294	41.59	308	31.197	185	38.01	142	65.32	50	16.19	320
16	15.651	141	3.04	$\overline{7}$	12.057	235	44.67	317	31.382	153	39.43	123	65.82	40	19.39	337
26	15.792	107	3.11	35	12.292	175	47.84	319	31.535	119	40.66	104	66.22	30	22.76	349
Okt. 6	15.899	74	3.46	59	12.467	114	51.03	315	31.654	86	41.70	84	66.52	20	26.25	352
15	[11] 15.973	42	4.05	78	[12] 12.581	$\underline{52}$	54.18	305	[13] 31.740	56	42.54	64	[15] 66.72	$\underline{9}$	29.77	349
25	16.015	12	4.83	93	12.633	9	57.23	287	31.796	25	43.18	45	66.81	2	33.26	337
Nov. 4	16.027	$\overline{16}$	5.76	103	12.624	69	60.10	264	31.821	$\overline{2}$	43.63	27	66.79	13	36.63	319
14	16.011	40	6.79	107	12.555	127	62.74	234	31.819	28	43.90	10	66.66	24	39.82	291
24	15.971	62	7.86	107	12.428	181	65.08	198	31.791	53	44.00	$\overline{6}$	66.42	34	42.73	256
Dez. 4	15.909	83	8.93	101	12.247	231	67.06	156	31.738	76	43.94	21	66.08	43	45.29	214
14	15.826	99	9.94	92	12.016	275	68.62	109	31.662	95	43.73	34	65.65	51	47.43	164
24	15.727	112	10.86	81	11.741	311	69.71	60	31.567	112	43.39	47	65.14	58	49.07	110
34	15.615		11.67		11.430		70.31		31.455		42.92		64.56		50.17	
Mittl. Ort	13.375		18.51		7.934		42.00		28.929		27.89		59.66		20.26	
sec δ, tg δ	1.011		−0.149		1.997		+1.728		1.036		+0.269		3.373		+3.222	
a, a′	+3.0		+18.8		+3.9		+18.8		+3.2		+18.6		+4.8		+18.4	
b, b′	−0.01		−0.35		+0.11		−0.35		+0.02		−0.38		+0.20		−0.40	

Scheinbare Sternörter 1944

Tag	52) 51 Andromedae AR.	52) 51 Andromedae Dekl.	54) α Eridani AR.	54) α Eridani Dekl.	55) 43 Cassiopeiae AR.	55) 43 Cassiopeiae Dekl.	57) φ Persei AR.	57) φ Persei Dekl.
1944	1h 34m	+48° 20′	1h 35m	−57° 30′	1h 38m	+67° 45′	1h 40m	+50° 24′
	s	″	s	″	s	″	s	″
Jan. 0	32.512 220	49.67 10	37.365 320	99.13 48	10.44 46	49.21 64	8.237 230	33.84 21
10	32.292 236	49.77 $\overline{33}$	37.045 328	99.61 $\overline{9}$	9.98 49	49.85 7	8.007 250	34.05 $\overline{23}$
20	32.056 244	49.44 74	36.717 324	99.52 65	9.49 49	49.92 $\overline{50}$	7.757 259	33.82 66
30	31.812 241	48.70 113	36.393 311	98.87 119	9.00 49	49.42 104	7.498 257	33.16 108
Febr. 9	31.571 226	47.57 147	36.082 288	97.68 170	8.51 46	48.38 153	7.241 243	32.08 144
19	31.345 200	46.10 175	35.794 255	95.98 215	8.05 40	46.85 197	6.998 216	30.64 173
29	31.145 161	44.35 195	35.539 213	93.83 256	7.65 33	44.88 231	6.782 177	28.91 196
März 10	30.984 113	42.40 206	35.326 162	91.27 291	7.32 25	42.57 255	6.605 127	26.95 210
20	30.871 56	40.34 208	35.164 104	88.36 320	7.07 14	40.02 269	6.478 69	24.85 213
30	30.815 $\overline{6}$	38.26 201	35.060 40	85.16 340	6.93 4	37.33 271	6.409 4	22.72 209
Apr. 9	30.821 71	36.25 185	35.020 $\overline{29}$	81.76 354	6.89 $\overline{8}$	34.62 263	6.405 $\overline{65}$	20.63 195
19	30.892 138	34.40 161	35.049 99	78.22 361	6.97 19	31.99 244	6.470 133	18.68 173
29	31.030 202	32.79 131	35.148 169	74.61 359	7.16 30	29.55 216	6.603 200	16.95 143
Mai 9	31.232 260	31.48 96	35.317 237	71.02 350	7.46 39	27.39 181	6.803 262	15.52 109
19	31.492 311	30.52 57	35.554 300	67.52 333	7.85 48	25.58 140	7.065 315	14.43 70
29	31.803 353	29.95 15	35.854 357	64.19 307	8.33 56	24.18 94	7.380 361	13.73 28
Juni 8	32.156 386	29.80 $\overline{27}$	36.211 404	61.12 276	8.89 60	23.24 45	7.741 396	13.45 $\overline{14}$
18	32.542 408	30.07 68	36.615 442	58.36 236	9.49 64	22.79 $\overline{5}$	8.137 419	13.59 56
28	32.950 419	30.75 107	37.057 467	56.00 191	10.13 67	22.84 54	8.556 432	14.15 97
Juli 8	33.369 419	31.82 145	37.524 480	54.09 140	10.80 66	23.38 103	8.988 434	15.12 134
18	33.788 409	33.27 177	38.004 480	52.69 87	11.46 65	24.41 148	9.422 425	16.46 170
28	34.197 390	35.04 206	38.484 467	51.82 30	12.11 63	25.89 191	9.847 408	18.16 200
Aug. 7	34.587 365	37.10 230	38.951 441	51.52 $\overline{28}$	12.74 59	27.80 228	10.255 381	20.16 226
17	34.952 331	39.40 248	39.392 404	51.80 83	13.33 54	30.08 261	10.636 348	22.42 246
27	35.283 293	41.88 262	39.796 356	52.63 137	13.87 47	32.69 288	10.984 311	24.88 263
Sept. 6	35.576 253	44.50 271	40.152 299	54.00 185	14.34 41	35.57 311	11.295 268	27.51 273
16	35.829 208	47.21 273	40.451 236	55.85 226	14.75 34	38.68 326	11.563 224	30.24 277
26	36.037 163	49.94 271	40.687 168	58.11 259	15.09 26	41.94 335	11.787 177	33.01 278
Okt. 6	36.200 118	52.65 265	40.855 98	60.70 281	15.35 18	45.29 337	11.964 130	35.79 273
15*)	[15] 36.318 72	55.30 252	[15] 40.953 28	63.51 292	[16] 15.53 9	48.66 333	[16] 12.094 83	38.52 262
25	36.390 27	57.82 235	40.981 $\overline{39}$	66.43 293	15.62 1	51.99 322	12.177 35	41.14 246
Nov. 4	36.417 $\overline{17}$	60.17 214	40.942 102	69.36 280	15.63 $\overline{7}$	55.21 302	12.212 $\overline{11}$	43.60 225
14	36.400 59	62.31 187	40.840 160	72.16 257	15.56 15	58.23 275	12.201 57	45.85 200
24	36.341 100	64.18 155	40.680 210	74.73 224	15.41 24	60.98 241	12.144 100	47.85 169
Dez. 4	36.241 138	65.73 121	40.470 251	76.97 182	15.17 31	63.39 200	12.044 142	49.54 133
14	36.103 173	66.94 81	40.219 284	78.79 134	14.86 37	65.39 152	11.902 179	50.87 94
24	35.930 201	67.75 40	39.935 307	80.13 80	14.49 43	66.91 101	11.723 211	51.81 52
34	35.729	68.15	39.628	80.93	14.06	67.92	11.512	52.33
Mittl. Ort	32.533	43.19	37.880	74.41	9.71	38.97	8.180	27.05
sec δ, tg δ	1.505	+1.124	1.862	−1.571	2.642	+2.446	1.569	+1.209
a, *a′*	+3.7	+18.4	+2.2	+18.3	+4.4	+18.2	+3.8	+18.2
b, *b′*	+0.07	− 0.40	−0.10	− 0.41	+0.15	− 0.42	+0.07	− 0.42

*) Bei Stern 55) und 57) lies Okt. 16.

Tag		59) τ Ceti [1]) AR.		Dekl.		60) ο Piscium AR.		Dekl.		61) ε Sculptoris AR.		Dekl.		62) ζ Ceti AR.		Dekl.	
1944		$1^h\ 41^m$		$-16°\ 13'$		$1^h\ 42^m$		$+8°\ 52'$		$1^h\ 42^m$		$-25°\ 19'$		$1^h\ 48^m$		$-10°\ 36'$	
Jan.	0	27.446	132	68.60	78	25.578	117	30.21	61	60.913	144	71.44	83	41.261	121	51.90	82
	10	27.314	142	69.38	52	25.461	130	29.60	64	60.769	154	72.27	51	41.140	133	52.72	64
	20	27.172	146	69.90	28	25.331	136	28.96	63	60.615	158	72.78	15	41.007	139	53.36	42
	30	27.026	146	70.18	2	25.195	138	28.33	62	60.457	157	72.93	20	40.868	141	53.78	20
Febr.	9	26.880	137	70.16	30	25.057	131	27.71	58	60.300	149	72.73	56	40.727	135	53.98	3
	19	26.743	123	69.86	59	24.926	118	27.13	49	60.151	134	72.17	90	40.592	123	53.95	28
	29	26.620	101	69.27	86	24.808	96	26.64	39	60.017	111	71.27	123	40.469	102	53.67	53
März	10	26.519	72	68.41	114	24.712	68	26.25	24	59.906	81	70.04	155	40.367	75	53.14	78
	20	26.447	38	67.27	140	24.644	32	26.01	6	59.825	46	68.49	183	40.292	42	52.36	104
	30	26.409	2	65.87	166	24.612	8	25.95	14	59.779	4	66.66	209	40.250	3	51.32	128
Apr.	9	26.411	46	64.21	188	24.620	52	26.09	37	59.775	40	64.57	232	40.247	40	50.04	151
	19	26.457	90	62.33	208	24.672	97	26.46	61	59.815	87	62.25	249	40.287	84	48.53	174
	29	26.547	134	60.25	224	24.769	141	27.07	86	59.902	134	59.76	263	40.371	129	46.79	192
Mai	9	26.681	177	58.01	237	24.910	184	27.93	109	60.036	178	57.13	271	40.500	171	44.87	208
	19	26.858	216	55.64	243	25.094	221	29.02	131	60.214	219	54.42	273	40.671	209	42.79	219
	29	27.074	249	53.21	245	25.315	254	30.33	151	60.433	255	51.69	268	40.880	244	40.60	225
Juni	8	27.323	276	50.76	240	25.569	280	31.84	167	60.688	285	49.01	258	41.124	271	38.35	226
	18	27.599	296	48.36	230	25.849	298	33.51	179	60.973	307	46.43	240	41.395	291	36.09	220
	28	27.895	307	46.06	213	26.147	308	35.30	185	61.280	320	44.03	217	41.686	304	33.89	211
Juli	8	28.202	311	43.93	192	26.455	311	37.15	188	61.600	326	41.86	187	41.990	309	31.78	194
	18	28.513	306	42.01	165	26.766	305	39.03	185	61.926	324	39.99	153	42.299	306	29.84	173
	28	28.819	295	40.36	133	27.071	293	40.88	177	62.250	313	38.46	115	42.605	295	28.11	146
Aug.	7	29.114	276	39.03	99	27.364	275	42.65	166	62.563	294	37.31	73	42.900	278	26.65	117
	17	29.390	251	38.04	62	27.639	251	44.31	149	62.857	270	36.58	30	43.178	256	25.48	84
	27	29.641	223	37.42	25	27.890	224	45.80	131	63.127	241	36.28	12	43.434	230	24.64	51
Sept.	6	29.864	191	37.17	12	28.114	194	47.11	110	63.368	207	36.40	54	43.664	199	24.13	17
	16	30.055	158	37.29	47	28.308	163	48.21	88	63.575	171	36.94	93	43.863	168	23.96	16
	26	30.213	121	37.76	76	28.471	131	49.09	66	63.746	133	37.87	125	44.031	134	24.12	46
Okt.	6	30.334	87	38.52	104	28.602	99	49.75	45	63.879	95	39.12	153	44.165	101	24.58	73
	16	30.421	53	39.56	123	28.701	69	50.20	25	63.974	59	40.65	172	44.266	69	25.31	93
	25	[17] 30.474	21	40.79	138	[17] 28.770	39	50.45	6	[17] 64.033	24	42.37	185	[18] 44.335	38	26.24	110
Nov.	4	30.495	9	42.17	145	28.809	11	50.51	9	64.057	10	44.22	189	44.373	8	27.34	119
	14	30.486	35	43.62	145	28.820	16	50.42	23	64.047	40	46.11	185	44.381	19	28.53	124
	24	30.451	62	45.07	139	28.804	41	50.19	33	64.007	68	47.96	173	44.362	44	29.77	123
Dez.	4	30.389	85	46.46	127	28.763	64	49.86	44	63.939	93	49.69	154	44.318	69	31.00	116
	14	30.304	104	47.73	110	28.699	85	49.42	51	63.846	114	51.23	130	44.249	89	32.16	105
	24	30.200	121	48.83	90	28.614	104	48.91	56	63.732	132	52.53	101	44.160	108	33.21	90
	34	30.079		49.73		28.510		48.35		63.600		53.54		44.052		34.11	
Mittl. Ort		27.939		54.26		25.960		35.99		61.391		54.39		41.677		39.46	
sec δ, tg δ		1.042		−0.291		1.012		+0.156		1.106		−0.473		1.017		−0.187	
a, a′		+2.9		+18.1		+3.2		+18.1		+2.8		+18.1		+3.0		+17.8	
b, b′		−0.02		− 0.43		+0.01		− 0.43		−0.03		− 0.43		−0.01		− 0.46	

[1]) Die jährliche Parallaxe (0.″298) ist bereits berücksichtigt.

Scheinbare Sternörter 1944

Tag	64) κ Trianguli				63) ε Cassiopeiae				65) ξ Piscium				67) ψ Phoenicis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	1h 49m		+29° 18′		1h 50m		+63° 23′		1h 50m		+2° 54′		1h 51m		−46° 34′	
	s		″		s		″		s		″		s		″	
Jan. 0	52.715	141	25.51	21	21.01	36	52.47	67	38.835	114	34.85	69	23.769	226	57.14	81
10	52.574	156	25.30	45	20.65	39	53.14	14	38.721	127	34.16	64	23.543	237	57.95	30
20	52.418	167	24.85	69	20.26	40	53.28	40	38.594	136	33.52	58	23.306	242	58.25	21
30	52.251	169	24.16	88	19.86	41	52.88	91	38.458	138	32.94	49	23.064	237	58.04	72
Febr. 9	52.082	163	23.28	105	19.45	38	51.97	139	38.320	133	32.45	38	22.827	226	57.32	120
19	51.919	148	22.23	117	19.07	35	50.58	181	38.187	121	32.07	26	22.601	204	56.12	165
29	51.771	122	21.06	123	18.72	29	48.77	214	38.066	101	31.81	10	22.397	175	54.47	206
März 10	51.649	89	19.83	123	18.43	22	46.63	238	37.965	74	31.71	7	22.222	137	52.41	244
20	51.560	49	18.60	116	18.21	14	44.25	252	37.891	40	31.78	28	22.085	92	49.97	274
30	51.511	2	17.44	105	18.07	5	41.73	255	37.851	1	32.06	49	21.993	42	47.23	300
Apr. 9	51.509	48	16.39	86	18.02	6	39.18	249	37.850	42	32.55	72	21.951	13	44.23	320
19	51.557	100	15.53	62	18.08	14	36.69	231	37.892	86	33.27	96	21.964	71	41.03	333
29	51.657	151	14.91	36	18.22	24	34.38	205	37.978	131	34.23	118	22.035	129	37.70	338
Mai 9	51.808	198	14.55	6	18.46	33	32.33	173	38.109	173	35.41	139	22.164	185	34.32	337
19	52.006	241	14.49	26	18.79	40	30.60	134	38.282	212	36.80	159	22.349	238	30.95	328
29	52.247	277	14.75	56	19.19	46	29.26	90	38.494	245	38.39	173	22.587	286	27.67	311
Jnni 8	52.524	306	15.31	87	19.65	52	28.36	44	38.739	272	40.12	185	22.873	326	24.56	287
18	52.830	327	16.18	115	20.17	55	27.92	3	39.011	291	41.97	191	23.199	357	21.69	255
28	53.157	338	17.33	140	20.72	57	27.95	50	39.302	303	43.88	194	23.556	380	19.14	217
Juli 8	53.495	342	18.73	161	21.29	58	28.45	96	39.605	307	45.82	190	23.936	393	16.97	174
18	53.837	337	20.34	178	21.87	58	29.41	140	39.912	304	47.72	181	24.329	394	15.23	125
28	54.174	323	22.12	190	22.45	55	30.81	180	40.216	292	49.53	168	24.723	385	13.98	72
Aug. 7	54.497	305	24.02	198	23.00	52	32.61	216	40.508	276	51.21	151	25.108	367	13.26	19
17	54.802	280	26.00	202	23.52	49	34.77	246	40.784	254	52.72	130	25.475	340	13.07	36
27	55.082	252	28.02	201	24.01	43	37.23	273	41.038	228	54.02	105	25.815	304	13.43	88
Sept. 6	55.334	220	30.03	195	24.44	38	39.96	294	41.266	199	55.07	81	26.119	262	14.31	137
16	55.554	187	31.98	188	24.82	32	42.90	308	41.465	169	55.88	56	26.381	215	15.68	181
26	55.741	153	33.86	176	25.14	26	45.98	317	41.634	137	56.44	31	26.596	165	17.49	218
Okt. 6	55.894	119	35.62	163	25.40	18	49.15	320	41.771	105	56.75	8	26.761	112	19.67	245
16	56.013	84	37.25	147	25.58	12	52.35	316	41.876	75	56.83	13	26.873	60	22.12	264
	19				19				19				19			
25	56.097	51	38.72	130	25.70	5	55.51	305	41.951	46	56.70	31	26.933	9	24.76	270
Nov. 4	56.148	18	40.02	110	25.75	2	58.56	288	41.997	17	56.39	45	26.942	39	27.46	267
14	56.166	13	41.12	91	25.73	9	61.44	264	42.014	10	55.94	56	26.903	84	30.13	252
24	56.153	44	42.03	68	25.64	16	64.08	232	42.004	35	55.38	63	26.819	124	32.65	228
Dez. 4	56.109	73	42.71	46	25.48	22	66.40	194	41.969	60	54.75	67	26.695	159	34.93	195
14	56.036	101	43.17	21	25.26	28	68.34	151	41.909	81	54.08	69	26.536	188	36.88	154
24	55.935	124	43.38	3	24.98	34	69.85	102	41.828	101	53.39	68	26.348	212	38.42	108
34	55.811		43.35		24.64		70.87		41.727		52.71		26.136		39.50	
Mittl. Ort	52.915		24.81		20.44		43.41		39.200		42.80		24.146		34.62	
sec δ, tg δ	1.147		+0.561		2.233		+1.997		1.001		+0.051		1.455		−1.057	
a, *a′*	+3.4		+17.8		+4.3		+17.8		+3.1		+17.8		+2.4		+17.7	
b, *b′*	+0.03		− 0.46		+0.12		− 0.46		0.00		− 0.46		−0.06		− 0.47	

Tag	66) β Arietis AR.		66) β Arietis Dekl.		68) χ Eridani AR.		68) χ Eridani Dekl.		72) α Hydri AR.		72) α Hydri Dekl.		71) υ Ceti AR.		71) υ Ceti Dekl.	
1944	1h 51m		+20° 31′		1h 53m		−51° 52′		1h 56m		−61° 50′		1h 57m		−21° 20′	
Jan. 0	32.186	124	64.32	39	46.494	262	96.74	77	60.19	38	55.37	68	21.568	133	70.08	92
10	32.062	140	63.93	53	46.232	274	97.51	23	59.81	39	56.05	11	21.435	147	71.00	62
20	31.922	150	63.40	67	45.958	279	97.74	31	59.42	40	56.16	48	21.288	155	71.62	31
30	31.772	152	62.73	78	45.679	273	97.43	84	59.02	39	55.68	105	21.133	156	71.93	2
Febr. 9	31.620	148	61.95	85	45.406	259	96.59	135	58.63	36	54.63	158	20.977	152	71.91	35
19	31.472	134	61.10	88	45.147	235	95.24	181	58.27	33	53.05	207	20.825	138	71.56	68
29	31.338	111	60.22	88	44.912	202	93.43	224	57.94	29	50.98	251	20.687	119	70.88	99
März 10	31.227	82	59.34	82	44.710	161	91.19	262	57.65	24	48.47	288	20.568	91	69.89	131
20	31.145	44	58.52	70	44.549	111	88.57	293	57.41	17	45.59	319	20.477	57	68.58	159
30	31.101	1	57.82	55	44.438	56	85.64	318	57.24	10	42.40	343	20.420	18	66.99	185
Apr. 9	31.100	45	57.27	35	44.382	4	82.46	338	57.14	3	38.97	360	20.402	26	65.14	209
19	31.145	93	56.92	10	44.386	67	79.08	348	57.11	6	35.37	368	20.428	72	63.05	229
29	31.238	141	56.82	15	44.453	131	75.60	353	57.17	13	31.69	369	20.500	118	60.76	245
Mai 9	31.379	186	56.97	42	44.584	193	72.07	349	57.30	22	28.00	362	20.618	163	58.31	256
19	31.565	226	57.39	70	44.777	252	68.58	337	57.52	28	24.38	347	20.781	204	55.75	261
29	31.791	261	58.09	96	45.029	304	65.21	319	57.80	36	20.91	323	20.985	241	53.14	261
Juni 8	32.052	289	59.05	120	45.333	349	62.02	291	58.16	41	17.68	291	21.226	271	50.53	254
18	32.341	309	60.25	142	45.682	385	59.11	257	58.57	47	14.77	253	21.497	295	47.99	241
28	32.650	320	61.67	160	46.067	411	56.54	216	59.04	50	12.24	208	21.792	310	45.58	222
Juli 8	32.970	323	63.27	172	46.478	427	54.38	170	59.54	52	10.16	158	22.102	318	43.36	196
18	33.293	319	64.99	181	46.905	430	52.68	119	60.06	53	8.58	102	22.420	317	41.40	165
28	33.612	308	66.80	186	47.335	422	51.49	64	60.59	52	7.56	45	22.737	308	39.75	130
Aug. 7	33.920	290	68.66	184	47.757	404	50.85	8	61.11	51	7.11	14	23.045	293	38.45	92
17	34.210	267	70.50	180	48.161	374	50.77	49	61.62	47	7.25	73	23.338	272	37.53	51
27	34.477	240	72.30	171	48.535	336	51.26	102	62.09	42	7.98	129	23.610	244	37.02	10
Sept. 6	34.717	210	74.01	160	48.871	290	52.28	153	62.51	37	9.27	181	23.854	214	36.92	31
16	34.927	179	75.61	146	49.161	238	53.81	198	62.88	29	11.08	225	24.068	181	37.23	68
26	35.106	147	77.07	129	49.399	182	55.79	234	63.17	23	13.33	261	24.249	145	37.91	103
Okt. 6	35.253	114	78.36	113	49.581	123	58.13	261	63.40	14	15.94	288	24.394	111	38.94	132
16	35.367	83	79.49	95	49.704	63	60.74	279	63.54	7	18.82	304	24.505	75	40.26	153
26	[19] 35.450	51	80.44	77	[20] 49.767	6	63.53	285	[20] 63.61	2	21.86	306	[21] 24.580	41	41.79	169
Nov. 4	35.501	21	81.21	59	49.773	50	66.38	279	63.59	9	24.92	298	24.621	8	43.48	175
14	35.522	8	81.80	41	49.723	101	69.17	263	63.50	16	27.90	277	24.629	22	45.23	175
24	35.514	35	82.21	24	49.622	148	71.80	235	63.34	23	30.67	245	24.607	51	46.98	167
Dez. 4	35.479	63	82.45	7	49.474	187	74.15	200	63.11	28	33.12	204	24.556	76	48.65	153
14	35.416	87	82.52	10	49.287	220	76.15	156	62.83	33	35.16	156	24.480	100	50.18	132
24	35.329	110	82.42	26	49.067	247	77.71	107	62.50	36	36.72	101	24.380	120	51.50	107
34	35.219		82.16		48.820		78.78		62.14		37.73		24.260		52.57	
Mittl. Ort	32.451		66.42		46.811		73.16		60.34		30.21		21.943		54.21	
sec δ, tg δ	1.068		+0.375		1.620		−1.275		2.119		−1.868		1.074		−0.391	
a, a′	+3.3		+17.7		+2.3		+17.6		+1.9		+17.5		+2.8		+17.5	
b, b′	+0.02		−0.47		−0.07		−0.48		−0.11		−0.49		−0.02		−0.49	

Tag		70) 50 Cassiopeiae				73) γ Andromedae pr				74) α Arietis				75) β Trianguli			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944		$1^h\ 58^m$		+72° 8′		$2^h\ 0^m$		+42° 3′		$2^h\ 3^m$		+23° 11′		$2^h\ 6^m$		+34° 43′	
		s		″		s		″		s		″		s		″	
Jan.	0	37.71	56	76.22	102	27.102	175	47.37	19	60.441	124	53.31	28	12.096	147	26.11	3
	10	37.15	61	77.24	44	26.927	197	47.56	$\overline{17}$	60.317	143	53.03	44	11.949	168	26.14	$\overline{25}$
	20	36.54	64	77.68	$\overline{15}$	26.730	211	47.39	52	60.174	154	52.59	60	11.781	183	25.89	53
	30	35.90	63	77.53	72	26.519	215	46.87	86	60.020	160	51.99	74	11.598	188	25.36	79
Febr.	9	35.27	60	76.81	127	26.304	210	46.01	116	59.860	157	51.25	85	11.410	185	24.57	101
	19	34.67	55	75.54	175	26.094	191	44.85	140	59.703	145	50.40	91	11.225	170	23.56	120
	29	34.12	47	73.79	216	25.903	163	43.45	158	59.558	124	49.49	93	11.055	147	22.36	132
März	10	33.65	37	71.63	247	25.740	124	41.87	170	59.434	95	48.56	91	10.908	113	21.04	139
	20	33.28	24	69.16	268	25.616	77	40.17	172	59.339	57	47.65	82	10.795	71	19.65	138
	30	33.04	12	66.48	277	25.539	22	38.45	167	59.282	15	46.83	69	10.724	22	18.27	130
Apr.	9	32.92	$\overline{2}$	63.71	276	25.517	$\overline{37}$	36.78	155	59.267	$\overline{33}$	46.14	51	10.702	$\overline{31}$	16.97	115
	19	32.94	17	60.95	263	25.554	97	35.23	135	59.300	82	45.63	29	10.733	85	15.82	96
	29	33.11	29	58.32	241	25.651	156	33.88	109	59.382	131	45.34	4	10.818	140	14.86	71
Mai	9	33.40	42	55.91	211	25.807	213	32.79	79	59.513	178	45.30	$\overline{23}$	10.958	192	14.15	42
	19	33.82	53	53.80	173	26.020	263	32.00	45	59.691	220	45.53	51	11.150	239	13.73	11
	29	34.35	62	52.07	130	26.283	306	31.55	8	59.911	257	46.04	78	11.389	279	13.62	$\overline{22}$
Juni	8	34.97	70	50.77	83	26.589	340	31.47	$\overline{28}$	60.168	287	46.82	103	11.668	311	13.84	54
	18	35.67	76	49.94	34	26.929	366	31.75	64	60.455	309	47.85	126	11.979	336	14.38	85
	28	36.43	79	49.60	$\overline{16}$	27.295	380	32.39	98	60.764	322	49.11	145	12.315	351	15.23	113
Juli	8	37.22	81	49.76	65	27.675	387	33.37	130	61.086	328	50.56	162	12.666	358	16.36	139
	18	38.03	80	50.41	114	28.062	383	34.67	158	61.414	326	52.18	173	13.024	355	17.75	162
	28	38.83	78	51.55	159	28.445	371	36.25	182	61.740	316	53.91	179	13.379	345	19.37	179
Aug.	7	39.61	74	53.14	200	28.816	352	38.07	202	62.056	300	55.70	183	13.724	328	21.16	193
	17	40.35	70	55.14	238	29.168	326	40.09	218	62.356	278	57.53	180	14.052	305	23.09	201
	27	41.05	63	57.52	271	29.494	296	42.27	228	62.634	253	59.33	175	14.357	278	25.10	207
Sept.	6	41.68	55	60.23	297	29.790	262	44.55	235	62.887	225	61.08	165	14.635	248	27.17	207
	16	42.23	46	63.20	319	30.052	225	46.90	236	63.112	194	62.73	154	14.883	214	29.24	204
	26	42.69	38	66.39	334	30.277	187	49.26	233	63.306	162	64.27	141	15.097	180	31.28	198
Okt.	6	43.07	28	69.73	343	30.464	147	51.59	228	63.468	130	65.68	125	15.277	144	33.26	188
	16	43.35	18	73.16	343	30.611	107	53.87	217	63.598	98	66.93	109	15.421	109	35.14	176
	25	[21] 43.53	7	76.59	338	[21] 30.718	68	56.04	203	[22] 63.696	66	68.02	91	[23] 15.530	73	36.90	161
Nov.	4	43.60	$\overline{4}$	79.97	324	30.786	27	58.07	185	63.762	35	68.93	75	15.603	37	38.51	143
	14	43.56	14	83.21	302	30.813	$\overline{12}$	59.92	163	63.797	5	69.68	58	15.640	2	39.94	124
	24	43.42	25	86.23	272	30.801	51	61.55	138	63.802	$\overline{26}$	70.26	40	15.642	$\overline{33}$	41.18	103
Dez.	4	43.17	35	88.95	234	30.750	89	62.93	110	63.776	55	70.66	22	15.609	67	42.21	78
	14	42.82	44	91.29	189	30.661	123	64.03	78	63.721	82	70.88	4	15.542	99	42.99	51
	24	42.38	52	93.18	138	30.538	155	64.81	44	63.639	107	70.92	$\overline{14}$	15.443	128	43.50	24
	34	41.86		94.56		30.383		65.25		63.532		70.78		15.315		43.74	
Mittl. Ort		36.36		66.21		27.087		43.36		60.622		54.86		12.154		24.28	
sec δ, tg δ		3.263		+3.106		1.347		+0.902		1.088		+0.429		1.217		+0.693	
a, *a′*		+5.1		+17.4		+3.7		+17.3		+3.4		+17.2		+3.6		+ 17.1	
b, *b′*		+0.18		− 0.49		+0.05		− 0.50		+0.02		− 0.52		+0.04		− 0.52	

Tag		76) 55 Cassiopeiae				78) μ Fornacis				80) 67 Ceti				85) ξ² Ceti			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944		$2^h\ 10^m$		+66° 15′		$2^h\ 10^m$		−30° 58′		$2^h\ 14^m$		−6° 40′		$2^h\ 25^m$		+8° 12′	
Jan.	0	4.36 s	40	56.69″	99	26.247 s	154	87.14″	105	11.034 s	111	56.93″	86	10.486 s	105	29.63″	57
	10	3.96	43	57.68	45	26.093	170	88.19	65	10.923	129	57.79	70	10.381	124	29.06	57
	20	3.53	46	58.13	9	25.923	180	88.84	26	10.794	140	58.49	53	10.257	140	28.49	56
	30	3.07	47	58.04	63	25.743	183	89.10	16	10.654	147	59.02	34	10.117	148	27.93	53
Febr.	9	2.60	45	57.41	115	25.560	178	88.94	57	10.507	145	59.36	13	9.969	150	27.40	47
	19	2.15	42	56.26	160	25.382	167	88.37	96	10.362	136	59.49	8	9.819	142	26.93	40
	29	1.73	36	54.66	199	25.215	146	87.41	133	10.226	120	59.41	30	9.677	127	26.53	30
März	10	1.37	29	52.67	229	25.069	118	86.08	169	10.106	95	59.11	54	9.550	103	26.23	16
	20	1.08	19	50.38	248	24.951	83	84.39	201	10.011	64	58.57	78	9.447	71	26.07	1
	30	0.89	10	47.90	258	24.868	42	82.38	229	9.947	27	57.79	102	9.376	33	26.06	17
Apr.	9	0.79	0	45.32	257	24.826	4	80.09	254	9.920	16	56.77	125	9.343	9	26.23	37
	19	0.79	11	42.75	245	24.830	53	77.55	272	9.936	60	55.52	148	9.352	55	26.60	59
	29	0.90	22	40.30	225	24.883	102	74.83	287	9.996	105	54.04	169	9.407	101	27.19	81
Mai	9	1.12	31	38.05	196	24.985	150	71.96	295	10.101	149	52.35	185	9.508	146	28.00	103
	19	1.43	41	36.09	161	25.135	196	69.01	296	10.250	189	50.50	200	9.654	188	29.03	123
	29	1.84	48	34.48	120	25.331	237	66.05	290	10.439	225	48.50	210	9.842	224	30.26	142
Juni	8	2.32	54	33.28	76	25.568	272	63.15	279	10.664	256	46.40	214	10.066	255	31.68	157
	18	2.86	59	32.52	30	25.840	300	60.36	259	10.920	279	44.26	214	10.321	280	33.25	167
	28	3.45	62	32.22	18	26.140	320	57.77	233	11.199	295	42.12	208	10.601	296	34.92	175
Juli	8	4.07	64	32.40	64	26.460	331	55.44	201	11.494	303	40.04	195	10.897	305	36.67	177
	18	4.71	64	33.04	109	26.791	334	53.43	163	11.797	304	38.09	179	11.202	307	38.44	174
	28	5.35	62	34.13	151	27.125	329	51.80	121	12.101	298	36.30	156	11.509	302	40.18	166
Aug.	7	5.97	60	35.64	191	27.454	315	50.59	75	12.399	285	34.74	131	11.811	289	41.84	155
	17	6.57	56	37.55	224	27.769	295	49.84	27	12.684	266	33.43	101	12.100	273	43.39	139
	27	7.13	52	39.79	255	28.064	269	49.57	20	12.950	244	32.42	70	12.373	252	44.78	121
Sept.	6	7.65	45	42.34	280	28.333	237	49.77	66	13.194	217	31.72	38	12.625	227	45.99	99
	16	8.10	40	45.14	299	28.570	203	50.43	109	13.411	188	31.34	5	12.852	200	46.98	77
	26	8.50	33	48.13	313	28.773	165	51.52	147	13.599	158	31.29	24	13.052	171	47.75	56
Okt.	6	8.83	26	51.26	321	28.938	126	52.99	178	13.757	127	31.53	51	13.223	142	48.31	34
	16	9.09	18	54.47	322	29.064	87	54.77	202	13.884	96	32.04	73	13.365	112	48.65	14
	25*)	[24] 9.27	10	57.69	316	[24] 29.151	48	56.79	216	[25] 13.980	65	32.77	92	[28] 13.477	82	48.79	3
Nov.	4	9.37	2	60.85	303	29.199	11	58.95	222	14.045	35	33.69	104	13.559	53	48.76	18
	14	9.39	6	63.88	283	29.210	24	61.17	218	14.080	6	34.73	111	13.612	24	48.58	31
	24	9.33	15	66.71	257	29.186	58	63.35	206	14.086	22	35.84	114	13.636	5	48.27	39
Dez.	4	9.18	22	69.28	221	29.128	88	65.41	185	14.064	48	36.98	110	13.631	34	47.88	47
	14	8.96	29	71.49	180	29.040	114	67.26	158	14.016	73	38.08	102	13.597	62	47.41	51
	24	8.67	35	73.29	133	28.926	139	68.84	124	13.943	96	39.10	92	13.535	87	46.90	54
	34	8.32		74.62		28.787		70.08		13.847		40.02		13.448		46.36	
Mittl. Ort		3.44		47.99		26.515		68.57		11.293		45.58		10.649		36.34	
sec δ, tg δ		2.484		+2.274		1.166		−0.601		1.007		−0.117		1.010		+0.144	
a, a′		+4.7		+16.9		+2.6		+16.9		+3.0		+16.7		+3.2		+16.2	
b, b′		+0.13		− 0.54		−0.03		− 0.54		−0.01		− 0.55		+0.01		− 0.59	

*) Bei Stern 85) lies Okt. 26.

Tag	87) 36 H. Cassiopeiae				90) μ Hydri				89) ν Arietis				91) δ Ceti			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	$2^h\ 32^m$		$+72°\ 34'$		$2^h\ 32^m$		$-79°\ 20'$		$2^h\ 35^m$		$+21°\ 43'$		$2^h\ 36^m$		$+0°\ 5'$	
Jan. 0	41.26	53	39.46	144	50.79	112	99.93	89	37.775	109	10.73	18	36.405	100	7.54	76
10	40.73	59	40.90	90	49.67	117	100.82	29	37.666	133	10.55	32	36.305	123	6.78	69
20	40.14	64	41.80	33	48.50	120	101.11	33	37.533	151	10.23	45	36.182	138	6.09	57
30	39.50	65	42.13	26	47.30	119	100.78	92	37.382	163	9.78	56	36.044	149	5.52	44
Febr. 9	38.85	65	41.87	82	46.11	115	99.86	148	37.219	167	9.22	65	35.895	151	5.08	31
19	38.20	62	41.05	134	44.96	109	98.38	200	37.052	160	8.57	72	35.744	147	4.77	16
29	37.58	54	39.71	180	43.87	98	96.38	246	36.892	144	7.85	75	35.597	133	4.61	2
März 10	37.04	46	37.91	218	42.89	86	93.92	286	36.748	119	7.10	73	35.464	111	4.63	20
20	36.58	34	35.73	246	42.03	72	91.06	319	36.629	86	6.37	68	35.353	82	4.83	41
30	36.24	22	33.27	264	41.31	55	87.87	345	36.543	45	5.69	56	35.271	45	5.24	61
Apr. 9	36.02	8	30.63	272	40.76	38	84.42	363	36.498	0	5.13	42	35.226	3	5.85	84
19	35.94	6	27.91	268	40.38	19	80.79	374	36.498	49	4.71	24	35.223	40	6.69	106
29	36.00	20	25.23	254	40.19	1	77.05	375	36.547	98	4.47	2	35.263	86	7.75	127
Mai 9	36.20	34	22.69	232	40.20	20	73.30	370	36.645	147	4.45	22	35.349	131	9.02	146
19	36.54	46	20.37	201	40.40	39	69.60	355	36.792	191	4.67	46	35.480	173	10.48	163
29	37.00	57	18.36	164	40.79	57	66.05	332	36.983	231	5.13	70	35.653	210	12.11	177
Juni 8	37.57	67	16.72	122	41.36	74	62.73	302	37.214	265	5.83	93	35.863	243	13.88	188
18	38.24	73	15.50	77	42.10	89	59.71	265	37.479	291	6.76	114	36.106	269	15.76	192
28	38.97	79	14.73	30	42.99	101	57.06	220	37.770	309	7.90	131	36.375	287	17.68	193
Juli 8	39.76	83	14.43	18	44.00	110	54.86	169	38.079	321	9.21	146	36.662	298	19.61	187
18	40.59	83	14.61	66	45.10	118	53.17	113	38.400	323	10.67	156	36.960	302	21.48	177
28	41.42	83	15.27	111	46.28	120	52.04	55	38.723	320	12.23	162	37.262	299	23.25	163
Aug. 7	42.25	81	16.38	155	47.48	120	51.49	5	39.043	308	13.85	163	37.561	290	24.88	143
17	43.06	78	17.93	195	48.68	115	51.54	67	39.351	292	15.48	161	37.851	274	26.31	119
27	43.84	72	19.88	231	49.83	108	52.21	125	39.643	272	17.09	156	38.125	255	27.50	94
Sept. 6	44.56	65	22.19	263	50.91	96	53.46	180	39.915	247	18.65	146	38.380	232	28.44	66
16	45.21	59	24.82	289	51.87	81	55.26	228	40.162	221	20.11	135	38.612	206	29.10	38
26	45.80	50	27.71	309	52.68	63	57.54	268	40.383	192	21.46	122	38.818	178	29.48	11
Okt. 6	46.30	40	30.80	325	53.31	44	60.22	298	40.575	162	22.68	108	38.996	149	29.59	14
16	46.70	30	34.05	333	53.75	23	63.20	317	40.737	132	23.76	93	39.145	120	29.45	36
26	47.00	20	37.38	335	53.98	0	66.37	324	40.869	101	24.69	78	39.265	91	29.09	56
Nov. 4	^{30}47.20	8	40.73	329	^{30}53.98	21	69.61	317	^{30}40.970	69	25.47	64	^{30}39.356	60	28.53	69
14	47.28	3	44.02	314	53.77	42	72.78	298	41.039	37	26.11	50	39.416	31	27.84	79
24	47.25	15	47.16	292	53.35	62	75.76	269	41.076	5	26.61	35	39.447	1	27.05	84
Dez. 4	47.10	26	50.08	262	52.73	79	78.45	228	41.081	28	26.96	21	39.448	28	26.21	86
14	46.84	37	52.70	223	51.94	94	80.73	178	41.053	59	27.17	7	39.420	56	25.35	84
24	46.47	47	54.93	178	51.00	106	82.51	123	40.994	89	27.24	7	39.364	82	24.51	79
34	46.00		56.71		49.94		83.74		40.905		27.17		39.282		23.72	
Mittl. Ort	39.50		30.95		48.52		74.20		37.816		13.49		36.533		16.90	
sec δ, tg δ	3.339		+3.186		5.413		−5.320		1.076		+0.398		1.000		+0.002	
a, *a′*	+5.7		+15.8		−1.3		+15.8		+3.4		+15.6		+3.1		+15.5	
b, *b′*	+0.17		− 0.62		−0.28		− 0.62		+0.02		− 0.63		0.00		− 0.63	

Tag	93) ϑ Persei AR.		93) ϑ Persei Dekl.		97) π Ceti AR.		97) π Ceti Dekl.		98) μ Ceti AR.		98) μ Ceti Dekl.		100) 41 Arietis AR.		100) 41 Arietis Dekl.	
1944	$2^h\ 40^m$		+48° 59′		$2^h\ 41^m$		−14° 5′		$2^h\ 41^m$		+9° 52′		$2^h\ 46^m$		+27° 1′	
	s		″		s		″		s		″		s		″	
Jan. 0	22.055	182	39.17	75	27.238	110	55.19	107	54.562	97	37.32	52	40.893	110	49.87	3
10	21.873	216	39.92	36	27.128	132	56.26	85	54.465	121	36.80	53	40.783	138	49.90	15
20	21.657	243	40.28	3	26.996	149	57.11	59	54.344	139	36.27	52	40.645	159	49.75	32
30	21.414	258	40.25	43	26.847	159	57.70	32	54.205	151	35.75	51	40.486	173	49.43	50
Febr. 9	21.156	261	39.82	80	26.688	162	58.02	3	54.054	155	35.24	47	40.313	178	48.93	66
19	20.895	251	39.02	115	26.526	157	58.05	25	53.899	151	34.77	41	40.135	174	48.27	77
29	20.644	226	37.87	143	26.369	144	57.80	53	53.748	138	34.36	34	39.961	159	47.50	86
März 10	20.418	190	36.44	165	26.225	122	57.27	81	53.610	115	34.02	22	39.802	134	46.64	90
20	20.228	141	34.79	180	26.103	93	56.46	110	53.495	85	33.80	9	39.668	100	45.74	89
30	20.087	83	32.99	185	26.010	56	55.36	136	53.410	48	33.71	8	39.568	59	44.85	83
Apr. 9	20.004	18	31.14	184	25.954	16	54.00	162	53.362	6	33.79	27	39.509	12	44.02	71
19	19.986	49	29.30	174	25.938	28	52.38	184	53.356	40	34.06	46	39.497	39	43.31	56
29	20.035	117	27.56	156	25.966	75	50.54	204	53.396	86	34.52	68	39.536	91	42.75	36
Mai 9	20.152	183	26.00	133	26.041	120	48.50	220	53.482	132	35.20	89	39.627	141	42.39	13
19	20.335	245	24.67	104	26.161	164	46.30	232	53.614	175	36.09	110	39.768	188	42.26	12
29	20.580	299	23.63	71	26.325	202	43.98	239	53.789	214	37.19	129	39.956	231	42.38	36
Juni 8	20.879	345	22.92	36	26.527	237	41.59	240	54.003	246	38.48	144	40.187	267	42.74	62
18	21.224	381	22.56	0	26.764	264	39.19	235	54.249	273	39.92	156	40.454	295	43.36	86
28	21.605	407	22.56	36	27.028	286	36.84	224	54.522	292	41.48	165	40.749	317	44.22	107
Juli 8	22.012	423	22.92	72	27.314	299	34.60	207	54.814	303	43.13	168	41.066	329	45.29	125
18	22.435	428	23.64	104	27.613	304	32.53	184	55.117	308	44.81	168	41.395	334	46.54	140
28	22.863	426	24.68	135	27.917	303	30.69	156	55.425	304	46.49	162	41.729	332	47.94	151
Aug. 7	23.289	413	26.03	163	28.220	296	29.13	124	55.729	296	48.11	152	42.061	322	49.45	158
17	23.702	394	27.66	185	28.516	281	27.89	88	56.025	282	49.63	138	42.383	308	51.03	162
27	24.096	368	29.51	205	28.797	262	27.01	50	56.307	262	51.01	121	42.691	289	52.65	161
Sept. 6	24.464	337	31.56	220	29.059	238	26.51	12	56.569	240	52.22	102	42.980	265	54.26	158
16	24.801	303	33.76	231	29.297	211	26.39	25	56.809	214	53.24	81	43.245	238	55.84	151
26	25.104	265	36.07	238	29.508	183	26.64	61	57.023	188	54.05	61	43.483	210	57.35	142
Okt. 6	25.369	224	38.45	240	29.691	152	27.25	92	57.211	159	54.66	40	43.693	181	58.77	132
16	25.593	180	40.85	239	29.843	121	28.17	117	57.370	131	55.06	21	43.874	149	60.09	120
26	25.773	136	43.24	233	29.964	89	29.34	138	57.501	100	55.27	3	44.023	117	61.29	108
Nov. 4	[31] 25.909	89	45.57	223	[1] 30.053	58	30.72	150	[1] 57.601	71	55.30	10	[2] 44.140	85	62.37	95
14	25.998	40	47.80	207	30.111	26	32.22	157	57.672	41	55.20	23	44.225	50	63.32	81
24	26.038	9	49.87	188	30.137	6	33.79	156	57.713	11	54.97	32	44.275	15	64.13	66
Dez. 4	26.029	59	51.75	163	30.131	36	35.35	148	57.724	20	54.65	40	44.290	19	64.79	50
14	25.970	107	53.38	133	30.095	65	36.83	136	57.704	50	54.25	44	44.271	55	65.29	35
24	25.863	152	54.71	100	30.030	92	38.19	118	57.654	78	53.81	48	44.216	88	65.64	17
34	25.711		55.71		29.938		39.37		57.576		53.33		44.128		65.81	
Mittl. Ort	21.690		34.98		27.340		41.59		54.638		43.74		40.842		51.38	
sec δ, tg δ	1.524		+1.150		1.031		−0.251		1.015		+0.174		1.123		+0.510	
a, a′	+4.1		+15.3		+2.9		+15.3		+3.2		+15.2		+3.5		+15.0	
b, b′	+0.06		− 0.64		−0.01		−0.65		+0.01		− 0.65		+0.03		− 0.66	

Scheinbare Sternörter 1944

Tag	101) β Fornacis AR.		101) β Fornacis Dekl.		102) τ^2 Eridani AR.		102) τ^2 Eridani Dekl.		103) τ Persei AR.		103) τ Persei Dekl.		104) η Eridani AR.		104) η Eridani Dekl.	
1944	$2^h\ 46^m$		$-32°\ 38'$		$2^h\ 48^m$		$-21°\ 13'$		$2^h\ 50^m$		$+52°\ 31'$		$2^h\ 53^m$		$-9°\ 6'$	
	s		″		s		″		s		″		s		″	
Jan. 0	44.794	148	43.00	135	29.785	119	77.56	124	16.851	193	69.87	96	41.331	100	83.85	103
10	44.646	171	44.35	96	29.666	142	78.80	93	16.658	235	70.83	57	41.231	123	84.88	84
20	44.475	189	45.31	54	29.524	159	79.73	62	16.423	266	71.40	14	41.108	143	85.72	64
30	44.286	199	45.85	11	29.365	171	80.35	27	16.157	285	71.54	$\overline{29}$	40.965	155	86.36	41
Febr. 9	44.087	202	45.96	$\overline{33}$	29.194	175	80.62	$\overline{7}$	15.872	290	71.25	69	40.810	161	86.77	$\underline{18}$
19	43.885	195	45.63	75	29.019	171	80.55	42	15.582	282	70.56	107	40.649	158	86.95	6
29	43.690	181	44.88	116	28.848	157	80.13	76	15.300	257	69.49	140	40.491	146	86.89	32
März 10	43.509	157	43.72	154	28.691	136	79.37	108	15.043	219	68.09	166	40.345	128	86.57	56
20	43.352	124	42.18	190	28.555	107	78.29	140	14.824	169	66.43	185	40.217	99	86.01	82
30	43.228	85	40.28	222	28.448	71	76.89	169	14.655	107	64.58	195	40.118	64	85.19	107
Apr. 9	43.143	41	38.06	249	28.377	29	75.20	196	14.548	39	62.63	196	40.054	24	84.12	132
19	43.102	$\overline{8}$	35.57	272	28.348	$\overline{16}$	73.24	219	14.509	$\overline{33}$	60.67	190	40.030	$\overline{19}$	82.80	154
29	43.110	58	32.85	290	28.364	64	71.05	239	14.542	107	58.77	176	40.049	65	81.26	175
Mai 9	43.168	109	29.95	301	28.428	110	68.66	253	14.649	178	57.01	154	40.114	111	79.51	193
19	43.277	158	26.94	306	28.538	155	66.13	263	14.827	245	55.47	127	40.225	154	77.58	206
29	43.435	203	23.88	303	28.693	197	63.50	267	15.072	304	54.20	95	40.379	193	75.52	217
Juni 8	43.638	243	20.85	295	28.890	233	60.83	263	15.376	355	53.25	60	40.572	228	73.35	221
18	43.881	277	17.90	278	29.123	263	58.20	255	15.731	397	52.65	24	40.800	256	71.14	220
28	44.158	302	15.12	253	29.386	287	55.65	238	16.128	426	52.41	$\overline{14}$	41.056	278	68.94	214
Juli 8	44.460	321	12.59	223	29.673	302	53.27	216	16.554	446	52.55	51	41.334	293	66.80	201
18	44.781	331	10.36	186	29.975	309	51.11	188	17.000	455	53.06	86	41.627	300	64.79	183
28	45.112	333	8.50	144	30.284	311	49.23	154	17.455	454	53.92	119	41.927	300	62.96	160
Aug. 7	45.445	326	7.06	97	30.595	304	47.69	116	17.909	445	55.11	149	42.227	294	61.36	132
17	45.771	313	6.09	48	30.899	291	46.53	74	18.354	426	56.60	175	42.521	282	60.04	101
27	46.084	293	5.61	$\overline{2}$	31.190	272	45.79	$\underline{31}$	18.780	401	58.35	199	42.803	264	59.03	67
Sept. 6	46.377	267	5.63	52	31.462	249	45.48	12	19.181	371	60.34	218	43.067	243	58.36	32
16	46.644	237	6.15	99	31.711	222	45.60	54	19.552	335	62.52	232	43.310	219	58.04	$\overline{3}$
26	46.881	202	7.14	143	31.933	192	46.14	93	19.887	296	64.84	242	43.529	192	58.07	36
Okt. 6	47.083	166	8.57	179	32.125	160	47.07	127	20.183	253	67.26	249	43.721	164	58.43	66
16	47.249	128	10.36	208	32.285	128	48.34	155	20.436	207	69.75	251	43.885	134	59.09	92
26	47.377	88	12.44	228	32.413	93	49.89	176	20.643	159	72.26	248	44.019	103	60.01	112
Nov. 4	47.465	49	14.72	239	32.506	60	51.65	189	20.802	107	74.74	240	44.122	72	61.13	126
14	47.514	11	17.11	239	32.566	26	53.54	193	20.909	54	77.14	227	44.194	42	62.39	135
24	47.525	$\overline{28}$	19.50	231	32.592	$\overline{7}$	55.47	190	20.963	$\overline{1}$	79.41	208	44.236	10	63.74	136
Dez. 4	47.497	64	21.81	213	32.585	41	57.37	179	20.962	56	81.49	185	44.246	$\overline{21}$	65.10	133
14	47.433	97	23.94	188	32.544	71	59.16	161	20.906	111	83.34	156	44.225	52	66.43	124
24	47.336	128	25.82	155	32.473	99	60.77	138	20.795	161	84.90	122	44.173	80	67.67	111
34	47.208		27.37		32.374		62.15		20.634		86.12		44.993		68.78	
Mittl. Ort	44.778		24.55		29.825		62.05		16.337		65.37		41.373		71.74	
sec δ, tg δ	1.188		−0.641		1.073		−0.389		1.644		+1.305		1.013		−0.161	
a, a′	+2.5		+15.0		+2.7		+14.9		+4.3		+14.8		+2.9		+14.6	
b, b′	−0.03		− 0.67		−0.02		− 0.67		+0.06		− 0.68		−0.01		− 0.69	

Tag	106) ϑ Eridani *pr*				105) 47 H. Cephei				107) α Ceti				108) γ Persei			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	$2^h\ 56^m$		$-40°31'$		$2^h\ 58^m$		$+79°11'$		$2^h\ 59^m$		$+3°\ 52'$		$3^h\ 0^m$		$+53°17'$	
Jan. 0	8.398 s	174	61.42 "	150	36.89 s	81	68.66 "	193	20.921 s	90	8.03 "	69	44.107 s	189	23.78 "	108
10	8.224	202	62.92	105	36.08	94	70.59	139	20.831	115	7.34	63	43.918	233	24.86	69
20	8.022	221	63.97	57	35.14	104	71.98	82	20.716	136	6.71	56	43.685	267	25.55	27
30	7.801	233	64.54	9	34.10	109	72.80	21	20.580	151	6.15	47	43.418	290	25.82	16
Febr. 9	7.568	237	64.63	40	33.01	110	73.01	40	20.429	158	5.68	37	43.128	299	25.66	57
19	7.331	231	64.23	87	31.91	105	72.61	98	20.271	156	5.31	25	42.829	292	25.09	96
29	7.100	215	63.36	132	30.86	97	71.63	151	20.115	146	5.06	12	42.537	271	24.13	131
März 10	6.885	190	62.04	175	29.89	85	70.12	197	19.969	127	4.94	3	42.266	234	22.82	159
20	6.695	157	60.29	213	29.04	68	68.15	235	19.842	99	4.97	21	42.032	185	21.23	180
30	6.538	115	58.16	246	28.36	49	65.80	262	19.743	64	5.18	39	41.847	124	19.43	192
Apr. 9	6.423	67	55.70	276	27.87	29	63.18	279	19.679	24	5.57	59	41.723	56	17.51	197
19	6.356	15	52.94	299	27.58	6	60.39	284	19.655	20	6.16	80	41.667	17	15.54	193
29	6.341	39	49.95	316	27.52	16	57.55	279	19.675	66	6.96	100	41.684	92	13.61	180
Mai 9	6.380	95	46.79	326	27.68	38	54.76	263	19.741	112	7.96	121	41.776	165	11.81	161
19	6.475	148	43.53	330	28.06	58	52.13	240	19.853	155	9.17	138	41.941	234	10.20	136
29	6.623	199	40.23	325	28.64	77	49.73	209	20.008	194	10.55	154	42.175	296	8.84	106
Juni 8	6.822	244	36.98	313	29.41	93	47.64	171	20.202	229	12.09	166	42.471	350	7.78	73
18	7.066	282	33.85	293	30.34	106	45.93	128	20.431	258	13.75	174	42.821	393	7.05	37
28	7.348	314	30.92	265	31.40	116	44.65	83	20.689	279	15.49	177	43.214	427	6.68	0
Juli 8	7.662	337	28.27	230	32.56	124	43.82	34	20.968	293	17.26	176	43.641	449	6.68	36
18	7.999	351	25.97	190	33.80	129	43.48	14	21.261	300	19.02	170	44.090	461	7.04	72
28	8.350	356	24.07	142	35.09	131	43.62	63	21.561	301	20.72	159	44.551	463	7.76	105
Aug. 7	8.706	353	22.65	91	36.40	129	44.25	109	21.862	294	22.31	144	45.014	455	8.81	136
17	9.059	340	21.74	38	37.69	126	45.34	155	22.156	283	23.75	124	45.469	439	10.17	164
27	9.399	321	21.36	17	38.95	120	46.89	196	22.439	267	24.99	102	45.908	417	11.81	187
Sept. 6	9.720	295	21.53	72	40.15	112	48.85	234	22.706	246	26.01	77	46.325	388	13.68	208
16	10.015	263	22.25	122	41.27	102	51.19	268	22.952	224	26.78	52	46.713	354	15.76	225
26	10.278	225	23.47	168	42.29	89	53.87	296	23.176	198	27.30	27	47.067	316	18.01	236
Okt. 6	10.503	185	25.15	208	43.18	75	56.83	319	23.374	172	27.57	3	47.383	273	20.37	245
16	10.688	142	27.23	239	43.93	60	60.02	335	23.546	144	27.60	18	47.656	228	22.82	248
26	10.830	98	29.62	260	44.53	42	63.37	346	23.690	114	27.42	37	47.884	178	25.30	248
Nov. 4*)	4 10.928	52	32.22	270	44.95	24	66.83	347	23.804	85	27.05	51	48.062	127	27.78	242
14	10.980	7	34.92	270	5 45.19	4	70.30	341	5 23.889	55	26.54	61	6 48.189	72	30.20	231
24	10.987	36	37.62	260	45.23	15	73.71	325	23.944	24	25.93	69	48.261	15	32.51	214
Dez. 4	10.951	79	40.22	239	45.08	35	76.96	301	23.968	8	25.24	72	48.276	42	34.65	193
14	10.872	117	42.61	209	44.73	54	79.97	267	23.960	39	24.52	72	48.234	99	36.58	166
24	10.755	152	44.70	174	44.19	71	82.64	226	23.921	70	23.80	69	48.135	154	38.24	133
34	10.603		46.44		43.48		84.90		23.851		23.11		47.981		39.57	
Mittl. Ort	8.222		41.46		33.20		60.86		20.932		16.40		43.516		19.60	
sec δ, tg δ	1.316		−0.855		5.337		+5.242		1.002		+0.068		1.673		+1.341	
a, *a'*	+2.3		+14.4		+8.0		+14.3		+3.1		+14.2		+4.3		+14.1	
b, *b'*	−0.04		−0.70		+0.25		−0.70		0.00		−0.71		+0.06		−0.71	

*) Bei Stern 105), 107) und 108) lies Nov. 5.

Scheinbare Sternörter 1944

Tag	109) ρ Persei AR.		109) ρ Persei Dekl.		110) μ Horologii AR.		110) μ Horologii Dekl.		111) β Persei AR.		111) β Persei Dekl.		114) δ Arietis AR.		114) δ Arietis Dekl.	
1944	3h 1m		+38° 37′		3h 2m		−59° 56′		3h 4m		+40° 44′		3h 8m		+19° 30′	
	s		″		s		″		s		″		s		″	
Jan. 0	34.977	124	30.02	53	18.184	325	98.43	156	31.242	129	30.58	64	25.382	89	54.46	15
10	34.853	159	30.55	26	17.859	362	99.99	101	31.113	164	31.22	35	25.293	118	54.31	25
20	34.694	186	30.81	3	17.497	389	101.00	45	30.949	194	31.57	4	25.175	143	54.06	33
30	34.508	206	30.78	31	17.108	403	101.45	13	30.755	214	31.61	27	25.032	160	53.73	42
Febr. 9	34.302	214	30.47	59	16.705	403	101.32	70	30.541	224	31.34	56	24.872	170	53.31	48
19	34.088	211	29.88	84	16.302	392	100.62	125	30.317	220	30.78	83	24.702	169	52.83	53
29	33.877	197	29.04	105	15.910	367	99.37	175	30.097	206	29.95	106	24.533	160	52.30	55
März 10	33.680	170	27.99	120	15.543	330	97.62	221	29.891	179	28.89	125	24.373	140	51.75	54
20	33.510	133	26.79	131	15.213	281	95.41	262	29.712	141	27.64	136	24.233	110	51.21	49
30	33.377	86	25.48	133	14.932	223	92.79	297	29.571	94	26.28	141	24.123	74	50.72	41
Apr. 9	33.291	34	24.15	130	14.709	156	89.82	326	29.477	40	24.87	139	24.049	31	50.31	28
19	33.257	23	22.85	120	14.553	82	86.56	347	29.437	18	23.48	131	24.018	16	50.03	12
29	33.280	81	21.65	105	14.471	5	83.09	361	29.455	79	22.17	117	24.034	65	49.91	5
Mai 9	33.361	139	20.60	84	14.466	74	79.48	367	29.534	138	21.00	96	24.099	113	49.96	26
19	33.500	193	19.76	60	14.540	151	75.81	364	29.672	194	20.04	73	24.212	160	50.22	47
29	33.693	242	19.16	33	14.691	225	72.17	354	29.866	244	19.31	45	24.372	202	50.69	68
Juni 8	33.935	284	18.83	4	14.916	293	68.63	335	30.110	288	18.86	16	24.574	239	51.37	88
18	34.219	318	18.79	25	15.209	355	65.28	307	30.398	324	18.70	13	24.813	269	52.25	105
28	34.537	345	19.04	53	15.564	406	62.21	271	30.722	351	18.83	42	25.082	292	53.30	121
Juli 8	34.882	361	19.57	80	15.970	446	59.50	228	31.073	370	19.25	71	25.374	307	54.51	133
18	35.243	371	20.37	104	16.416	475	57.22	179	31.443	379	19.96	98	25.681	317	55.84	140
28	35.614	371	21.41	127	16.891	490	55.43	124	31.822	380	20.94	120	25.998	317	57.24	144
Aug. 7	35.985	364	22.68	144	17.381	492	54.19	66	32.202	374	22.14	141	26.315	312	58.68	145
17	36.349	350	24.12	159	17.873	480	53.53	5	32.576	361	23.55	157	26.627	301	60.13	140
27	36.699	332	25.71	170	18.353	456	53.48	56	32.937	342	25.12	171	26.928	286	61.53	134
Sept. 6	37.031	309	27.41	178	18.809	420	54.04	116	33.279	319	26.83	180	27.214	267	62.87	123
16	37.340	281	29.19	182	19.229	373	55.20	171	33.598	292	28.63	186	27.481	244	64.10	112
26	37.621	252	31.01	183	19.602	317	56.91	220	33.890	261	30.49	190	27.725	219	65.22	98
Okt. 6	37.873	220	32.84	182	19.919	253	59.11	260	34.151	229	32.39	190	27.944	193	66.20	84
16	38.093	186	34.66	178	20.172	182	61.71	291	34.380	194	34.29	187	28.137	164	67.04	70
26	38.279	149	36.44	170	20.354	108	64.62	311	34.574	157	36.16	182	28.301	135	67.74	57
Nov. 5	[6] 38.428	111	38.14	162	[6] 20.462	34	67.73	319	[7] 34.731	116	37.98	173	[8] 28.436	105	68.31	44
14	38.539	71	39.76	150	20.496	40	70.92	313	34.847	75	39.71	163	28.541	72	68.75	32
24	38.610	29	41.26	134	20.456	113	74.05	297	34.922	32	41.34	147	28.613	38	69.07	22
Dez. 4	38.639	13	42.60	117	20.343	180	77.02	269	34.954	13	42.81	129	28.651	3	69.29	12
14	38.626	56	43.77	96	20.163	241	79.71	230	34.941	57	44.10	108	28.654	32	69.41	2
24	38.570	98	44.73	71	19.922	294	82.01	185	34.884	100	45.18	83	28.622	65	69.43	7
34	38.472		45.44		19.628		83.86		34.784		46.01		28.557		69.36	
Mittl. Ort	34.724		29.01		17.429		75.48		30.941		29.19		25.296		58.55	
sec δ, tg δ	1.280		+0.799		1.997		−1.729		1.320		+0.861		1.061		+0.354	
a, *a′*	+3.8		+14.1		+1.4		+14.0		+3.9		+13.9		+3.4		+13.6	
b, *b′*	+0.04		− 0.71		−0.08		− 0.71		+0.04		− 0.72		+0.02		− 0.73	

Tag		1090) 79 G. Fornacis				115) 48 H. Cephei				120) α Persei				121) o Tauri			
		AR.	Diff.	Dekl.	Diff.	AR.	Diff.	Dekl.	Diff.	AR.	Diff.	Dekl.	Diff.	AR.	Diff.	Dekl.	Diff.
1944		$3^h\ 12^m$		$-35°\ 45'$		$3^h\ 13^m$		$+77°\ 31'$		$3^h\ 20^m$		$+49°\ 39'$		$3^h\ 21^m$		$+8°\ 49'$	
Jan.	0	$28^s.120$	147	$72''.71$	161	$11^s.49$	65	$61''.99$	204	$19^s.312$	148	$51''.67$	110	$47^s.847$	77	$52''.20$	54
	10	27.973	176	74.32	121	10.84	77	64.03	152	19.164	195	52.77	75	47.770	107	51.66	51
	20	27.797	199	75.53	76	10.07	86	65.55	97	18.969	231	53.52	39	47.663	133	51.15	49
	30	27.598	215	76.29	31	9.21	93	66.52	38	18.738	258	53.91	1	47.530	151	50.66	44
Febr.	9	27.383	222	76.60	15	8.28	94	66.90	21	18.480	273	53.92	38	47.379	163	50.22	39
	19	27.161	220	76.45	60	7.34	93	66.69	80	18.207	273	53.54	74	47.216	165	49.83	32
	29	26.941	209	75.85	104	6.41	86	65.89	133	17.934	259	52.80	106	47.051	158	49.51	24
März	10	26.732	188	74.81	146	5.55	76	64.56	180	17.675	231	51.74	134	46.893	142	49.27	14
	20	26.544	158	73.35	185	4.79	63	62.76	220	17.444	188	50.40	155	46.751	116	49.13	1
	30	26.386	120	71.50	219	4.16	47	60.56	250	17.256	135	48.85	169	46.635	83	49.12	13
Apr.	9	26.266	76	69.31	249	3.69	30	58.06	268	17.121	74	47.16	175	46.552	43	49.25	30
	19	26.190	28	66.82	275	3.39	10	55.38	278	17.047	7	45.41	173	46.509	1	49.55	49
	29	26.162	24	64.07	295	3.29	9	52.60	275	17.040	62	43.68	164	46.510	47	50.04	67
Mai	9	26.186	77	61.12	309	3.38	29	49.85	264	17.102	131	42.04	149	46.557	93	50.71	86
	19	26.263	128	58.03	316	3.67	46	47.21	243	17.233	196	40.55	127	46.650	139	51.57	105
	29	26.391	177	54.87	315	4.13	63	44.78	214	17.429	257	39.28	101	46.789	180	52.62	121
Juni	8	26.568	221	51.72	308	4.76	78	42.64	180	17.686	309	38.27	71	46.969	216	53.83	136
	18	26.789	259	48.64	293	5.54	90	40.84	140	17.995	353	37.56	40	47.185	247	55.19	147
	28	27.048	290	45.71	269	6.44	100	39.44	96	18.348	388	37.16	7	47.432	271	56.66	154
Juli	8	27.338	314	43.02	239	7.44	108	38.48	51	18.736	413	37.09	26	47.703	288	58.20	157
	18	27.652	330	40.63	201	8.52	112	37.97	3	19.149	428	37.35	58	47.991	298	59.77	156
	28	27.982	337	38.62	159	9.64	115	37.94	44	19.577	434	37.93	88	48.289	303	61.33	150
Aug.	7	28.319	336	37.03	112	10.79	115	38.38	90	20.011	432	38.81	116	48.592	300	62.83	139
	17	28.655	328	35.91	60	11.94	113	39.28	135	20.443	421	39.97	140	48.892	291	64.22	125
	27	28.983	312	35.31	7	13.07	109	40.63	177	20.864	403	41.37	163	49.183	278	65.47	108
Sept.	6	29.295	290	35.24	46	14.16	102	42.40	214	21.267	380	43.00	181	49.461	262	66.55	87
	16	29.585	263	35.70	97	15.18	94	44.54	249	21.647	352	44.81	196	49.723	241	67.42	67
	26	29.848	231	36.67	144	16.12	84	47.03	279	21.999	320	46.77	208	49.964	219	68.09	45
Okt.	6	30.079	196	38.11	185	16.96	72	49.82	303	22.319	284	48.85	216	50.183	194	68.54	24
	16	30.275	157	39.96	217	17.68	60	52.85	321	22.603	244	51.01	221	50.377	168	68.78	5
	26	30.432	117	42.13	242	18.28	44	56.06	334	22.847	200	53.22	221	50.545	140	68.83	11
Nov.	5	30.549	76	44.55	257	18.72	29	59.40	338	23.047	153	55.43	218	50.685	110	68.72	26
	14	^{9}30.625	34	47.12	261	^{9}19.01	13	62.78	336	^{11}23.200	104	57.61	210	^{11}50.795	80	68.46	36
	24	30.659	8	49.73	254	19.14	5	66.14	323	23.304	50	59.71	198	50.875	47	68.10	44
Dez.	4	30.651	48	52.27	239	19.09	22	69.37	302	23.354	4	61.69	181	50.922	13	67.66	49
	14	30.603	88	54.66	214	18.87	40	72.39	272	23.350	59	63.50	159	50.935	20	67.17	51
	24	30.515	123	56.80	181	18.47	55	75.11	234	23.291	113	65.09	131	50.915	55	66.66	52
	34	30.392		58.61		17.92		77.45		23.178		66.40		50.860		66.14	
Mittl. Ort		27.881		54.25		8.24		55.13		18.747		49.06		47.750		59.35	
sec δ, tg δ		1.232		−0.720		4.632		+4.523		1.545		+1.178		1.012		+0.155	
a, a'		+2.4		+13.4		+7.6		+13.3		+4.3		+12.9		+3.2		+12.8	
b, b'		−0.03		− 0.74		+0.20		− 0.75		+0.05		− 0.77		+0.01		− 0.77	

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Tag		122) 2 H. Camelop. AR.	Diff.	Dekl.	Diff.	125) 5 Tauri AR.	Diff.	Dekl.	Diff.	127) ε Eridani [1]) AR.	Diff.	Dekl.	Diff.	131) δ Persei AR.	Diff.	Dekl.	Diff.
1944		$3^h\ 24^m$		$+59°\ 44'$		$3^h\ 27^m$		$+12°\ 44'$		$3^h\ 30^m$		$-9°\ 38'$		$3^h\ 38^m$		$+47°\ 36'$	
		s		"		s		"		s		"		s		"	
Jan.	0	31.871	209	53.86	153	46.765	74	40.03	38	17.526	86	59.99	116	56.194	120	38.58	114
	10	31.662	268	55.39	112	46.691	105	39.65	40	17.440	116	61.15	97	56.074	168	39.72	85
	20	31.394	316	56.51	69	46.586	132	39.25	40	17.324	140	62.12	74	55.906	209	40.57	51
	30	31.078	350	57.20	22	46.454	153	38.85	40	17.184	159	62.86	51	55.697	240	41.08	15
Febr.	9	30.728	368	57.42	$\overline{25}$	46.301	165	38.45	39	17.025	170	63.37	25	55.457	259	41.23	$\overline{19}$
	19	30.360	368	57.17	71	46.136	168	38.06	37	16.855	173	63.62	1	55.198	265	41.04	54
	29	29.992	349	56.46	112	45.968	163	37.69	32	16.682	167	63.63	$\overline{26}$	54.933	256	40.50	86
März	10	29.643	312	55.34	149	45.805	146	37.37	26	16.515	151	63.37	52	54.677	233	39.64	113
	20	29.331	259	53.85	178	45.659	121	37.11	16	16.364	127	62.85	78	54.444	196	38.51	135
	30	29.072	192	52.07	199	45.538	88	36.95	5	16.237	96	62.07	103	54.248	149	37.16	151
Apr.	9	28.880	115	50.08	212	45.450	48	36.90	$\overline{9}$	16.141	57	61.04	128	54.099	93	35.65	159
	19	28.765	31	47.96	216	45.402	4	36.99	25	16.084	15	59.76	151	54.006	29	34.06	160
	29	28.734	$\overline{56}$	45.80	211	45.398	$\overline{43}$	37.24	44	16.069	$\overline{31}$	58.25	172	53.977	$\overline{37}$	32.46	154
Mai	9	28.790	143	43.69	199	45.441	90	37.68	62	16.100	76	56.53	190	54.014	104	30.92	141
	19	28.933	226	41.70	178	45.531	136	38.30	80	16.176	121	54.63	205	54.118	167	29.51	124
	29	29.159	302	39.92	152	45.667	178	39.10	99	16.297	163	52.58	215	54.285	227	28.27	101
Juni	8	29.461	369	38.40	121	45.845	216	40.09	114	16.460	200	50.43	221	54.512	281	27.26	75
	18	29.830	426	37.19	87	46.061	247	41.23	127	16.660	232	48.22	220	54.793	326	26.51	46
	28	30.256	472	36.32	50	46.308	272	42.50	137	16.892	258	46.02	215	55.119	362	26.05	17
Juli	8	30.728	505	35.82	12	46.580	290	43.87	144	17.150	277	43.87	204	55.481	391	25.88	$\overline{14}$
	18	31.233	527	35.70	$\overline{27}$	46.870	302	45.31	145	17.427	289	41.83	186	55.872	408	26.02	42
	28	31.760	537	35.97	63	47.172	306	46.76	143	17.716	295	39.97	163	56.280	418	26.44	71
Aug.	7	32.297	537	36.60	98	47.478	304	48.19	136	18.011	294	38.34	136	56.698	420	27.15	96
	17	32.834	526	37.58	132	47.782	296	49.55	126	18.305	287	36.98	104	57.118	413	28.11	120
	27	33.360	507	38.90	162	48.078	284	50.81	113	18.592	275	35.94	69	57.531	400	29.31	140
Sept.	6	33.867	480	40.52	189	48.362	268	51.94	96	18.867	259	35.25	33	57.931	381	30.71	157
	16	34.347	445	42.41	213	48.630	249	52.90	79	19.126	239	34.92	$\overline{4}$	58.312	358	32.28	173
	26	34.792	406	44.54	232	48.879	227	53.69	61	19.365	215	34.96	38	58.670	329	34.01	184
Okt.	6	35.198	359	46.86	248	49.106	203	54.30	42	19.580	191	35.34	71	58.999	298	35.85	193
	16	35.557	307	49.34	259	49.309	177	54.72	26	19.771	163	36.05	98	59.297	262	37.78	199
	26	35.864	251	51.93	265	49.486	149	54.98	10	19.934	133	37.03	121	59.559	222	39.77	201
Nov.	5	36.115	189	54.58	266	49.635	119	55.08	$\overline{3}$	20.067	103	38.24	138	59.781	178	41.78	201
	14*)	[12] 36.304	122	57.24	262	[12] 49.754	88	55.05	13	[13] 20.170	71	39.62	147	59.959	131	43.79	195
	24	36.426	52	59.86	250	49.842	55	54.92	22	20.241	38	41.09	150	[15] 60.090	79	45.74	187
Dez.	4	36.478	$\overline{21}$	62.36	233	49.897	20	54.70	27	20.279	4	42.59	147	60.169	26	47.61	174
	14	36.457	93	64.69	208	49.917	$\overline{15}$	54.43	31	20.283	$\overline{30}$	44.06	139	60.195	$\overline{29}$	49.35	155
	24	36.364	163	66.77	177	49.902	49	54.12	35	20.253	63	45.45	124	60.166	83	50.90	133
	34	36.201		68.54		49.853		53.77		20.190		46.69		60.083		52.23	
Mittl. Ort		30.894		49.72		46.634		46.22		17.396		47.90		55.614		37.18	
sec δ, tg δ		1.985		+1.715		1.025		+0.226		1.014		−0.170		1.483		+1.096	
a, *a′*		+4.9		+12.6		+3.3		+12.4		+2.9		+12.2		+4.3		+11.6	
b, *b′*		+0.07		− 0.78		+0.01		− 0.79		−0.01		− 0.79		+0.04		− 0.82	

[1]) Die jährliche Parallaxe (0."305) ist bereits berücksichtigt.

*) Bei Stern 131) lies Nov. 15.

Tag	134) ν Persei AR.		134) ν Persei Dekl.		141) β Reticuli AR.		141) β Reticuli Dekl.	
1944	$3^h\,41^m$		$+42°\,24'$		$3^h\,43^m$		$-64°\,58'$	
	s		"		s		"	
Jan. 0	23.303	101	12.62	93	31.08	37	79.13	203
10	23.202	145	13.55	67	30.71	42	81.16	152
20	23.057	184	14.22	39	30.29	47	82.68	96
30	22.873	213	14.61	9	29.82	50	83.64	38
Febr. 9	22.660	231	14.70	21	29.32	51	84.02	20
19	22.429	238	14.49	51	28.81	51	83.82	76
29	22.191	231	13.98	78	28.30	50	83.06	130
März 10	21.960	211	13.20	100	27.80	46	81.76	181
20	21.749	179	12.20	119	27.34	42	79.95	227
30	21.570	135	11.01	130	26.92	36	77.68	268
Apr. 9	21.435	84	9.71	135	26.56	29	75.00	301
19	21.351	27	8.36	135	26.27	20	71.99	330
29	21.324	35	7.01	127	26.07	12	68.69	351
Mai 9	21.359	96	5.74	114	25.95	3	65.18	363
19	21.455	155	4.60	96	25.92	6	61.55	368
29	21.610	210	3.64	74	25.98	16	57.87	365
Juni 8	21.820	260	2.90	50	26.14	24	54.22	351
18	22.080	301	2.40	24	26.38	32	50.71	331
28	22.381	336	2.16	4	26.70	39	47.40	300
Juli 8	22.717	361	2.20	30	27.09	45	44.40	262
18	23.078	378	2.50	55	27.54	51	41.78	217
28	23.456	386	3.05	79	28.05	53	39.61	165
Aug. 7	23.842	388	3.84	101	28.58	56	37.96	107
17	24.230	382	4.85	119	29.14	56	36.89	46
27	24.612	370	6.04	135	29.70	56	36.43	16
Sept. 6	24.982	354	7.39	148	30.26	52	36.59	79
16	25.336	332	8.87	158	30.78	49	37.38	140
26	25.668	306	10.45	166	31.27	43	38.78	194
Okt. 6	25.974	278	12.11	171	31.70	36	40.72	243
16	26.252	245	13.82	173	32.06	29	43.15	282
26	26.497	210	15.55	174	32.35	20	45.97	311
Nov. 5	26.707	170	17.29	171	32.55	11	49.08	327
15	26.877	128	19.00	166	32.66	2	52.35	331
24	16 27.005	81	20.66	157	16 32.68	7	55.66	323
Dez. 4	27.086	33	22.23	145	32.61	16	58.89	302
14	27.119	17	23.68	129	32.45	25	61.91	271
24	27.102	67	24.97	110	32.20	31	64.62	230
34	27.035		26.07		31.89		66.92	
Mittl. Ort	22.833		12.31		29.40		57.88	
sec δ, tg δ	1.354		+0.913		2.365		−2.143	
a, a′	+4.1		+11.4		+0.7		+11.2	
b, b′	+0.03		− 0.82		−0.08		− 0.83	

Tag	139) η Tauri AR.		139) η Tauri Dekl.		138) γ Camelop. AR.		138) γ Camelop. Dekl.	
1944	$3^h\,44^m$		$+23°\,55'$		$3^h\,44^m$		$+71°\,9'$	
	s		"		s		"	
Jan. 0	9.272	68	56.94	11	26.69	33	49.38	211
10	9.204	105	57.05	1	26.36	43	51.49	169
20	9.099	136	57.06	10	25.93	51	53.18	121
30	8.963	162	56.96	21	25.42	57	54.39	68
Febr. 9	8.801	178	56.75	31	24.85	61	55.07	14
19	8.623	185	56.44	41	24.24	61	55.21	41
29	8.438	181	56.03	49	23.63	59	54.80	93
März 10	8.257	166	55.54	54	23.04	55	53.87	140
20	8.091	141	55.00	56	22.49	46	52.47	181
30	7.950	107	54.44	53	22.03	37	50.66	213
Apr. 9	7.843	65	53.91	47	21.66	26	48.53	236
19	7.778	19	53.44	38	21.40	13	46.17	250
29	7.759	31	53.06	24	21.27	0	43.67	254
Mai 9	7.790	81	52.82	8	21.27	13	41.13	248
19	7.871	130	52.74	9	21.40	26	38.65	234
29	8.001	175	52.83	29	21.66	37	36.31	213
Juni 8	8.176	217	53.12	48	22.03	49	34.18	184
18	8.393	251	53.60	66	22.52	58	32.34	151
28	8.644	280	54.26	82	23.10	65	30.83	113
Juli 8	8.924	301	55.08	96	23.75	72	29.70	73
18	9.225	315	56.04	107	24.47	77	28.97	31
28	9.540	322	57.11	115	25.24	79	28.66	11
Aug. 7	9.862	322	58.26	119	26.03	81	28.77	54
17	10.184	318	59.45	121	26.84	80	29.31	94
27	10.502	308	60.66	118	27.64	79	30.25	134
Sept. 6	10.810	293	61.84	113	28.43	75	31.59	170
16	11.103	276	62.97	107	29.18	71	33.29	204
26	11.379	255	64.04	98	29.89	65	35.33	233
Okt. 6	11.634	231	65.02	89	30.54	59	37.66	259
16	11.865	206	65.91	79	31.13	51	40.25	280
26	12.071	178	66.70	70	31.64	42	43.05	295
Nov. 5	12.249	146	67.40	61	32.06	32	46.00	304
15	12.395	114	68.01	53	32.38	21	49.04	308
24	17 12.509	77	68.54	45	17 32.59	10	52.12	302
Dez. 4	12.586	38	68.99	37	32.69	2	55.14	288
14	12.624	1	69.36	29	32.67	14	58.02	267
24	12.623	40	69.65	19	32.53	26	60.69	237
34	12.583		69.84		32.27		63.06	
Mittl. Ort	9.024		60.67		24.59		44.88	
sec δ, tg δ	1.094		+0.444		3.097		+2.931	
a, a′	+3.6		+11.2		+6.3		+11.2	
b, b′	+0.02		− 0.83		+0.11		− 0.83	

Tag	140) τ⁶ Eridani AR.		Dekl.		143) 138 G. Eridani AR.		Dekl.		146) γ Hydri AR.		Dekl.		1105) +57°752 Caml AR.		Dekl.	
1944	3h 44m		−23° 24′		3h 47m		−36° 21′		3h 47m		−74° 24′		3h 49m		+57° 48′	
	s		″		s		″		s		″		s		″	
Jan. 0	26.533	95	65.16	164	21.911	128	84.74	192	68.29	63	61.11	200	10.526	159	41.20	164
10	26.438	128	66.80	134	21.783	164	86.66	154	67.66	72	63.11	147	10.367	221	42.84	129
20	26.310	156	68.14	101	21.619	195	88.20	111	66.94	80	64.58	91	10.146	274	44.13	90
30	26.154	177	69.15	65	21.424	217	89.31	65	66.14	83	65.49	33	9.872	316	45.03	47
Febr. 9	25.977	192	69.80	28	21.207	232	89.96	19	65.31	86	65.82	26	9.556	342	45.50	2
19	25.785	196	70.08	11	20.975	237	90.15	28	64.45	85	65.56	83	9.214	350	45.52	42
29	25.589	193	69.97	47	20.738	231	89.87	74	63.60	83	64.73	136	8.864	341	45.10	83
März 10	25.396	179	69.50	84	20.507	217	89.13	118	62.77	77	63.37	187	8.523	314	44.27	121
20	25.217	156	68.66	118	20.290	192	87.95	159	62.00	71	61.50	232	8.209	270	43.06	152
30	25.061	125	67.48	152	20.098	157	86.36	197	61.29	61	59.18	271	7.939	212	41.54	176
Apr. 9	24.936	87	65.96	182	19.941	117	84.39	231	60.68	51	56.47	305	7.727	143	39.78	193
19	24.849	44	64.14	209	19.824	70	82.08	260	60.17	39	53.42	332	7.584	66	37.85	202
29	24.805	2	62.05	232	19.754	19	79.48	285	59.78	26	50.10	352	7.518	16	35.83	201
Mai 9	24.807	50	59.73	251	19.735	33	76.63	302	59.52	12	46.58	363	7.534	98	33.82	194
19	24.857	98	57.22	265	19.768	86	73.61	314	59.40	2	42.95	367	7.632	178	31.88	178
29	24.955	143	54.57	272	19.854	137	70.47	318	59.42	16	39.28	363	7.810	254	30.10	158
Juni 8	25.098	184	51.85	273	19.991	184	67.29	315	59.58	30	35.65	348	8.064	321	28.52	131
18	25.282	220	49.12	267	20.175	226	64.14	304	59.88	42	32.17	327	8.385	380	27.21	102
28	25.502	251	46.45	255	20.401	262	61.10	285	60.30	54	28.90	296	8.765	429	26.19	69
Juli 8	25.753	276	43.90	236	20.663	291	58.25	257	60.84	64	25.94	257	9.194	466	25.50	34
18	26.029	292	41.54	208	20.954	314	55.68	224	61.48	72	23.37	211	9.660	493	25.16	0
28	26.321	303	39.46	176	21.268	327	53.44	183	62.20	79	21.26	158	10.153	510	25.16	35
Aug. 7	26.624	306	37.70	138	21.595	334	51.61	136	62.99	82	19.68	101	10.663	515	25.51	68
17	26.930	303	36.32	96	21.929	332	50.25	85	63.81	84	18.67	40	11.178	511	26.19	100
27	27.233	294	35.36	50	22.261	324	49.40	32	64.65	84	18.27	23	11.689	500	27.19	129
Sept. 6	27.527	279	34.86	3	22.585	309	49.08	23	65.49	79	18.50	86	12.189	480	28.48	156
16	27.806	261	34.83	43	22.894	287	49.31	77	66.28	73	19.36	145	12.669	454	30.04	180
26	28.067	237	35.26	88	23.181	262	50.08	128	67.01	66	20.81	201	13.123	420	31.84	201
Okt. 6	28.304	211	36.14	129	23.443	230	51.36	173	67.67	54	22.82	248	13.543	382	33.85	219
16	28.515	183	37.43	163	23.673	195	53.09	212	68.21	42	25.30	286	13.925	337	36.04	232
26	28.698	150	39.06	190	23.868	157	55.21	242	68.63	28	28.16	314	14.262	287	38.36	241
Nov. 5	28.848	116	40.96	210	24.025	116	57.63	263	68.91	14	31.30	330	14.549	230	40.77	247
15	28.964	80	43.06	221	24.141	73	60.26	273	[18]69.05	2	34.60	333	[18]14.779	168	43.24	246
24	[17]29.044	44	45.27	222	[17]24.214	29	62.99	272	69.03	16	37.93	323	14.947	102	45.70	241
Dez. 4	29.088	5	47.49	216	24.243	15	65.71	261	68.87	31	41.16	302	15.049	31	48.11	228
14	29.093	33	49.65	201	24.228	60	68.32	240	68.56	45	44.18	269	15.080	40	50.39	210
24	29.060	71	51.66	178	24.168	101	70.72	212	68.11	57	46.87	227	15.040	112	52.49	185
34	28.989		53.44		24.067		72.84		67.54		49.14		14.928		54.34	
Mittl. Ort	26.231		50.33		21.418		67.49		65.06		39.59		9.547		38.61	
sec δ, tg δ	1.090		−0.433		1.242		−0.736		3.721		−3.584		1.877		+1.589	
a, *a′*	+2.6		+11.2		+2.2		+11.0		−0.9		+10.9		+4.9		+10.8	
b, *b′*	−0.02		−0.83		−0.03		−0.84		−0.13		−0.84		+0.06		−0.84	

144) ζ Persei

Tag		AR.	Diff.	Dekl.	Diff.
1944		3h 50m		+31° 43′	
Jan.	0	36.676	71	6.12	48
	10	36.605	112	6.60	33
	20	36.493	147	6.93	15
	30	36.346	175	7.08	3
Febr.	9	36.171	194	7.05	23
	19	35.977	202	6.82	41
	29	35.775	199	6.41	57
März	10	35.576	184	5.84	70
	20	35.392	157	5.14	79
	30	35.235	121	4.35	83
Apr.	9	35.114	78	3.52	84
	19	35.036	28	2.68	78
	29	35.008	25	1.90	69
Mai	9	35.033	79	1.21	55
	19	35.112	131	0.66	38
	29	35.243	180	0.28	19
Juni	8	35.423	224	0.09	2
	18	35.647	262	0.11	23
	28	35.909	293	0.34	44
Juli	8	36.202	317	0.78	62
	18	36.519	333	1.40	79
	28	36.852	341	2.19	94
Aug.	7	37.193	344	3.13	105
	17	37.537	339	4.18	114
	27	37.876	331	5.32	120
Sept.	6	38.207	316	6.52	122
	16	38.523	299	7.74	124
	26	38.822	277	8.98	122
Okt.	6	39.099	254	10.20	120
	16	39.353	227	11.40	116
	26	39.580	197	12.56	111
Nov.	5	39.777	163	13.67	105
	15	39.940	128	14.72	100
	24	18 40.068	89	15.72	92
Dez.	4	40.157	46	16.64	84
	14	40.203	3	17.48	72
	24	40.206	41	18.20	60
	34	40.165		18.80	
Mittl. Ort		36.337		8.31	
sec δ, tg δ		1.176		+0.618	
a, a′		+3.8		+10.7	
b, b′		+0.02		− 0.84	

147) ε Persei

Tag		AR.	Diff.	Dekl.	Diff.
1944		3h 54m		+39° 50′	
Jan.	0	5.746	82	59.22	88
	10	5.664	127	60.10	65
	20	5.537	167	60.75	42
	30	5.370	198	61.17	15
Febr.	9	5.172	219	61.32	13
	19	4.953	229	61.19	39
	29	4.724	225	60.80	64
März	10	4.499	209	60.16	85
	20	4.290	180	59.31	103
	30	4.110	141	58.28	113
Apr.	9	3.969	92	57.15	120
	19	3.877	38	55.95	119
	29	3.839	20	54.76	113
Mai	9	3.859	79	53.63	101
	19	3.938	137	52.62	86
	29	4.075	191	51.76	66
Juni	8	4.266	240	51.10	45
	18	4.506	281	50.65	20
	28	4.787	316	50.45	4
Juli	8	5.103	343	50.49	28
	18	5.446	361	50.77	50
	28	5.807	372	51.27	72
Aug.	7	6.179	375	51.99	90
	17	6.554	372	52.89	107
	27	6.926	363	53.96	121
Sept.	6	7.289	349	55.17	131
	16	7.638	330	56.48	140
	26	7.968	308	57.88	146
Okt.	6	8.276	281	59.34	151
	16	8.557	253	60.85	153
	26	8.810	219	62.38	153
Nov.	5	9.029	182	63.91	151
	15	9.211	142	65.42	147
	24	19 9.353	97	66.89	141
Dez.	4	9.450	50	68.30	131
	14	9.500	2	69.61	119
	24	9.502	49	70.80	102
	34	9.453		71.82	
Mittl. Ort		5.283		59.89	
sec δ, tg δ		1.303		+0.835	
a, a′		+4.0		+10.5	
b, b′		+0.03		− 0.85	

148) ξ Persei

Tag		AR.	Diff.	Dekl.	Diff.
1944		3h 55m		+35° 37′	
Jan.	0	19.873	72	52.71	69
	10	19.801	116	53.40	51
	20	19.685	154	53.91	29
	30	19.531	184	54.20	7
Febr.	9	19.347	205	54.27	15
	19	19.142	214	54.12	38
	29	18.928	211	53.74	59
März	10	18.717	196	53.15	75
	20	18.521	169	52.40	89
	30	18.352	132	51.51	97
Apr.	9	18.220	87	50.54	100
	19	18.133	36	49.54	98
	29	18.097	20	48.56	90
Mai	9	18.117	76	47.66	78
	19	18.193	130	46.88	62
	29	18.323	182	46.26	43
Juni	8	18.505	228	45.83	22
	18	18.733	268	45.61	0
	28	19.001	301	45.61	22
Juli	8	19.302	326	45.83	44
	18	19.628	344	46.27	62
	28	19.972	354	46.89	81
Aug.	7	20.326	357	47.70	96
	17	20.683	354	48.66	107
	27	21.037	345	49.73	118
Sept.	6	21.382	332	50.91	125
	16	21.714	315	52.16	129
	26	22.029	293	53.45	132
Okt.	6	22.322	269	54.77	132
	16	22.591	241	56.09	132
	26	22.832	210	57.41	131
Nov.	5	23.042	176	58.72	126
	15	23.218	138	59.98	122
	24	19 23.356	96	61.20	115
Dez.	4	23.452	52	62.35	107
	14	23.504	6	63.42	95
	24	23.510	41	64.37	81
	34	23.469		65.18	
Mittl. Ort		19.471		54.26	
sec δ, tg δ		1.230		+0.717	
a, a′		+3.9		+10.4	
b, b′		+0.02		− 0.86	

149) γ Eridani

Tag		AR.	Diff.	Dekl.	Diff.
1944		3h 55m		−13° 39′	
Jan.	0	25.167	72	72.05	142
	10	25.095	105	73.47	118
	20	24.990	134	74.65	94
	30	24.856	158	75.59	66
Febr.	9	24.698	174	76.25	36
	19	24.524	182	76.61	8
	29	24.342	180	76.69	22
März	10	24.162	169	76.47	52
	20	23.993	148	75.95	80
	30	23.845	119	75.15	109
Apr.	9	23.726	84	74.06	136
	19	23.642	43	72.70	162
	29	23.599	2	71.08	183
Mai	9	23.601	47	69.25	203
	19	23.648	93	67.22	219
	29	23.741	137	65.03	229
Juni	8	23.878	176	62.74	235
	18	24.054	211	60.39	235
	28	24.265	241	58.04	228
Juli	8	24.506	264	55.76	216
	18	24.770	281	53.60	197
	28	25.051	291	51.63	172
Aug.	7	25.342	295	49.91	143
	17	25.637	293	48.48	108
	27	25.930	286	47.40	70
Sept.	6	26.216	274	46.70	30
	16	26.490	258	46.40	10
	26	26.748	238	46.50	50
Okt.	6	26.986	215	47.00	85
	16	27.201	190	47.85	117
	26	27.391	162	49.02	143
Nov.	5	27.553	131	50.45	162
	15	27.684	99	52.07	174
	24	19 27.783	64	53.81	179
Dez.	4	27.847	27	55.60	175
	14	27.874	9	57.35	167
	24	27.865	47	59.02	151
	34	27.818		60.53	
Mittl. Ort		24.888		59.61	
sec δ, tg δ		1.029		−0.243	
a, a′		+2.8		+10.4	
b, b′		−0.01		− 0.86	

Scheinbare Sternörter 1944

Tag	150) λ Tauri AR.		150) λ Tauri Dekl.		151) ν Tauri AR.		151) ν Tauri Dekl.		153) 174 G. Eridani AR.		153) 174 G. Eridani Dekl.		152) 48 Persei AR.		152) 48 Persei Dekl.	
1944	3h 57m		+12° 19′		4h 0m		+5° 49′		4h 3m		−27° 47′		4h 4m		+47° 33′	
	s		″		s		″		s		″		s		″	
Jan. 0	34.675	54	54.29	39	10.673	53	59.45	67	19.315	92	88.87	187	35.836	90	54.28	129
10	34.621	90	53.90	38	10.620	89	58.78	61	19.223	128	90.74	154	35.746	144	55.57	103
20	34.531	121	53.52	36	10.531	119	58.17	53	19.095	160	92.28	118	35.602	191	56.60	73
30	34.410	147	53.16	35	10.412	144	57.64	45	18.935	185	93.46	79	35.411	229	57.33	41
Febr. 9	34.263	165	52.81	32	10.268	163	57.19	35	18.750	202	94.25	38	35.182	255	57.74	6
19	34.098	173	52.49	29	10.105	171	56.84	25	18.548	211	94.63	3	34.927	267	57.80	28
29	33.925	173	52.20	25	9.934	171	56.59	14	18.337	210	94.60	44	34.660	265	57.52	60
März 10	33.752	161	51.95	19	9.763	161	56.45	1	18.127	199	94.16	84	34.395	248	56.92	90
20	33.591	140	51.76	10	9.602	140	56.44	12	17.928	178	93.32	122	34.147	218	56.02	115
30	33.451	111	51.66	1	9.462	111	56.56	27	17.750	148	92.10	158	33.929	175	54.87	134
Apr. 9	33.340	73	51.65	12	9.351	76	56.83	44	17.602	112	90.52	190	33.754	122	53.53	146
19	33.267	31	51.77	26	9.275	35	57.27	60	17.490	69	88.62	220	33.632	61	52.07	153
29	33.236	15	52.03	42	9.240	10	57.87	79	17.421	22	86.42	246	33.571	3	50.54	151
Mai 9	33.251	62	52.45	58	9.250	56	58.66	96	17.399	26	83.96	265	33.574	70	49.03	144
19	33.313	108	53.03	75	9.306	101	59.62	112	17.425	75	81.31	280	33.644	134	47.59	131
29	33.421	151	53.78	91	9.407	144	60.74	128	17.500	122	78.51	289	33.778	196	46.28	113
Juni 8	33.572	191	54.69	106	9.551	183	62.02	139	17.622	167	75.62	290	33.974	252	45.15	91
18	33.763	225	55.75	117	9.734	217	63.41	149	17.789	206	72.72	284	34.226	300	44.24	66
28	33.988	254	56.92	127	9.951	245	64.90	153	17.995	239	69.88	272	34.526	342	43.58	40
Juli 8	34.242	275	58.19	132	10.196	268	66.43	155	18.234	268	67.16	251	34.868	374	43.18	12
18	34.517	291	59.51	133	10.464	283	67.98	151	18.502	289	64.65	223	35.242	397	43.06	14
28	34.808	300	60.84	131	10.747	293	69.49	142	18.791	303	62.42	189	35.639	412	43.20	41
Aug. 7	35.108	302	62.15	124	11.040	295	70.91	130	19.094	310	60.53	149	36.051	419	43.61	67
17	35.410	300	63.39	113	11.335	294	72.21	113	19.404	311	59.04	103	36.470	418	44.28	89
27	35.710	292	64.52	100	11.629	287	73.34	93	19.715	306	58.01	55	36.888	411	45.17	110
Sept. 6	36.002	280	65.52	84	11.916	275	74.27	70	20.021	294	57.46	5	37.299	398	46.27	129
16	36.282	266	66.36	66	12.191	261	74.97	47	20.315	278	57.41	45	37.697	379	47.56	144
26	36.548	247	67.02	48	12.452	243	75.44	23	20.593	256	57.86	93	38.076	355	49.00	159
Okt. 6	36.795	227	67.50	30	12.695	224	75.67	0	20.849	232	58.79	138	38.431	328	50.59	170
16	37.022	203	67.80	13	12.919	200	75.67	21	21.081	202	60.17	176	38.759	295	52.29	178
26	37.225	178	67.93	2	13.119	174	75.46	39	21.283	171	61.93	207	39.054	259	54.07	185
Nov. 5	37.403	149	67.91	14	13.293	147	75.07	54	21.454	135	64.00	229	39.313	216	55.92	188
15	37.552	118	67.77	23	13.440	116	74.53	63	21.589	98	66.29	242	39.529	170	57.80	188
24	20 37.670	85	67.54	30	21 13.556	83	73.90	70	21 21.687	59	68.71	246	22 39.699	119	59.68	184
Dez. 4	37.755	48	67.24	33	13.639	47	73.20	73	21.746	17	71.17	239	39.818	63	61.52	176
14	37.803	10	66.91	36	13.686	10	72.47	72	21.763	24	73.56	225	39.881	7	63.28	162
24	37.813	27	66.55	37	13.696	26	71.75	68	21.739	64	75.81	202	39.888	52	64.90	145
34	37.786		66.18		13.670		71.07		21.675		77.83		39.836		66.35	
Mittl. Ort	34.437		60.89		10.433		67.52		18.861		73.84		35.178		54.03	
sec δ, tg δ	1.024		+0.219		1.005		+0.102		1.130		−0.527		1.482		+1.094	
a, a′	+3.3		+10.2		+3.2		+10.0		+2.5		+9.8		+4.4		+9.7	
b, b′	+0.01		− 0.86		0.00		− 0.87		−0.02		−0.87		+0.04		−0.88	

Tag	154) o^1 Eridani AR.		Dekl.		155) α Horologii AR.		Dekl.		156) α Reticuli AR.		Dekl.		162) δ Tauri AR.		Dekl.	
1944	$4^h\ 9^m$		−6° 58′		$4^h\ 12^m$		−42° 25′		$4^h\ 13^m$		−62° 36′		$4^h\ 19^m$		+17° 24′	
Jan. 0	8.072	54	66.77	122	9.437	134	70.26	225	43.74	29	67.96	239	42.409	38	40.32	14
10	8.018	91	67.99	105	9.303	176	72.51	184	43.45	36	70.35	193	42.371	77	40.18	15
20	7.927	122	69.04	85	9.127	213	74.35	140	43.09	40	72.28	140	42.294	113	40.03	18
30	7.805	147	69.89	64	8.914	242	75.75	92	42.69	45	73.68	85	42.181	143	39.85	20
Febr. 9	7.658	167	70.53	41	8.672	262	76.67	41	42.24	47	74.53	27	42.038	166	39.65	22
19	7.491	177	70.94	18	8.410	272	77.08	9	41.77	48	74.80	29	41.872	179	39.43	24
29	7.314	177	71.12	6	8.138	271	76.99	58	41.29	48	74.51	84	41.693	181	39.19	25
März 10	7.137	168	71.06	30	7.867	259	76.41	106	40.81	46	73.67	136	41.512	174	38.94	25
20	6.969	150	70.76	54	7.608	236	75.35	151	40.35	42	72.31	186	41.338	155	38.69	22
30	6.819	123	70.22	79	7.372	204	73.84	193	39.93	37	70.45	231	41.183	128	38.47	18
Apr. 9	6.696	89	69.43	102	7.168	163	71.91	231	39.56	31	68.14	269	41.055	92	38.29	11
19	6.607	49	68.41	125	7.005	116	69.60	263	39.25	25	65.45	303	40.963	49	38.18	1
29	6.558	6	67.16	146	6.889	63	66.97	291	39.00	16	62.42	330	40.914	4	38.17	12
Mai 9	6.552	39	65.70	165	6.826	7	64.06	312	38.84	9	59.12	349	40.910	43	38.29	25
19	6.591	84	64.05	182	6.819	48	60.94	325	38.75	0	55.63	360	40.953	91	38.54	39
29	6.675	128	62.23	194	6.867	104	57.69	333	38.75	9	52.03	363	41.044	136	38.93	55
Juni 8	6.803	167	60.29	203	6.971	157	54.36	331	38.84	17	48.40	358	41.180	178	39.48	69
18	6.970	202	58.26	206	7.128	206	51.05	321	39.01	24	44.82	343	41.358	214	40.17	82
28	7.172	232	56.20	204	7.334	248	47.84	303	39.25	31	41.39	320	41.572	245	40.99	93
Juli 8	7.404	256	54.16	197	7.582	284	44.81	277	39.56	39	38.19	287	41.817	270	41.92	101
18	7.660	273	52.19	183	7.866	314	42.04	242	39.95	44	35.32	246	42.087	289	42.93	107
28	7.933	285	50.36	165	8.180	334	39.62	201	40.39	47	32.86	199	42.376	300	44.00	107
Aug. 7	8.218	290	48.71	140	8.514	348	37.61	153	40.86	50	30.87	144	42.676	307	45.07	106
17	8.508	291	47.31	113	8.862	353	36.08	100	41.36	52	29.43	85	42.983	307	46.13	101
27	8.799	285	46.18	80	9.215	350	35.08	43	41.88	52	28.58	23	43.290	303	47.14	92
Sept. 6	9.084	275	45.38	46	9.565	340	34.65	15	42.40	50	28.35	41	43.593	295	48.06	81
16	9.359	262	44.92	11	9.905	321	34.80	73	42.90	48	28.76	103	43.888	283	48.87	68
26	9.621	244	44.81	24	10.226	297	35.53	128	43.38	43	29.79	163	44.171	268	49.55	56
Okt. 6	9.865	225	45.05	57	10.523	267	36.81	179	43.81	39	31.42	216	44.439	250	50.11	42
16	10.090	201	45.62	85	10.790	232	38.60	223	44.20	32	33.58	262	44.689	228	50.53	29
26	10.291	176	46.47	110	11.022	191	40.83	258	44.52	25	36.20	298	44.917	204	50.82	18
Nov. 5	10.467	148	47.57	128	11.213	146	43.41	283	44.77	17	39.18	322	45.121	176	51.00	9
15	10.615	116	48.85	141	11.359	99	46.24	296	44.94	9	42.40	334	45.297	146	51.09	2
24*)	[23] 10.731	82	50.26	146	[24] 11.458	49	49.20	300	[24] 45.03	0	45.74	333	[26] 45.443	111	51.11	4
Dez. 4	10.813	47	51.72	146	11.507	2	52.20	291	45.03	9	49.07	322	45.554	73	51.07	7
14	10.860	9	53.18	140	11.505	53	55.11	272	44.94	16	52.29	297	45.627	33	51.00	9
24	10.869	29	54.58	129	11.452	101	57.83	244	44.78	25	55.26	263	45.660	8	50.91	11
34	10.840		55.87		11.351		60.27		44.53		57.89		45.652		50.80	
Mittl. Ort	7.773		56.00		8.638		53.32		41.89		48.97		42.088		46.08	
sec δ, tg δ	1.007		−0.122		1.355		−0.914		2.174		−1.930		1.048		+0.314	
a, a′	+2.9		+9.3		+2.0		+9.1		+0.8		+9.0		+3.5		+8.5	
b, b′	0.00		−0.89		−0.03		−0.89		−0.06		−0.89		+0.01		−0.91	

*) Bei Stern 162) lies Nov. 25.

Tag	164) ε Tauri				168) α Tauri				171) α Doradus				169) ν Eridani			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	$4^h\ 25^m$		$+19°\ 3'$		$4^h\ 32^m$		$+16°\ 23'$		$4^h\ 32^m$		$-55°\ 9'$		$4^h\ 33^m$		$-3°\ 27'$	
	s		"		s		"		s		"		s		"	
Jan. 0	20.907	33	22.92	5	42.597	27	47.91	19	48.493	188	53.18	257	31.484	34	65.50	115
10	20.874	74	22.87	8	42.570	68	47.72	19	48.305	246	55.75	216	31.450	72	66.65	101
20	20.800	111	22.79	11	42.502	106	47.53	19	48.059	295	57.91	167	31.378	108	67.66	84
30	20.689	143	22.68	14	42.396	137	47.34	20	47.764	334	59.58	115	31.270	138	68.50	65
Febr. 9	20.546	166	22.54	18	42.259	162	47.14	20	47.430	363	60.73	61	31.132	161	69.15	46
19	20.380	181	22.36	22	42.097	178	46.94	20	47.067	378	61.34	6	30.971	175	69.61	25
29	20.199	185	22.14	25	41.919	183	46.74	21	46.689	380	61.40	49	30.796	180	69.86	5
März 10	20.014	177	21.89	26	41.736	177	46.53	19	46.309	369	60.91	102	30.616	175	69.91	17
20	19.837	159	21.63	25	41.559	161	46.34	17	45.940	344	59.89	151	30.441	159	69.74	39
30	19.678	132	21.38	23	41.398	135	46.17	12	45.596	309	58.38	197	30.282	136	69.36	59
Apr. 9	19.546	97	21.15	17	41.263	101	46.05	5	45.287	263	56.41	239	30.146	105	68.77	80
19	19.449	55	20.98	9	41.162	60	46.00	5	45.024	207	54.02	276	30.041	67	67.97	101
29	19.394	9	20.89	2	41.102	16	46.05	16	44.817	145	51.26	306	29.974	24	66.96	121
Mai 9	19.385	39	20.91	14	41.086	31	46.21	28	44.672	78	48.20	329	29.950	19	65.75	140
19	19.424	87	21.05	29	41.117	78	46.49	43	44.594	9	44.91	346	29.969	64	64.35	156
29	19.511	132	21.34	43	41.195	123	46.92	56	44.585	61	41.45	354	30.033	107	62.79	170
Juni 8	19.643	175	21.77	58	41.318	165	47.48	70	44.646	129	37.91	353	30.140	148	61.09	179
18	19.818	211	22.35	71	41.483	202	48.18	81	44.775	193	34.38	344	30.288	184	59.30	185
28	20.029	244	23.06	82	41.685	234	48.99	92	44.968	252	30.94	326	30.472	215	57.45	186
Juli 8	20.273	269	23.88	91	41.919	260	49.91	98	45.220	305	27.68	299	30.687	242	55.59	181
18	20.542	288	24.79	97	42.179	280	50.89	103	45.525	349	24.69	263	30.929	262	53.78	171
28	20.830	302	25.76	101	42.459	294	51.92	103	45.874	385	22.06	219	31.191	276	52.07	156
Aug. 7	21.132	308	26.77	99	42.753	302	52.95	100	46.259	410	19.87	169	31.467	285	50.51	136
17	21.440	310	27.76	96	43.055	305	53.95	94	46.669	426	18.18	112	31.752	288	49.15	111
27	21.750	307	28.72	89	43.360	303	54.89	84	47.095	430	17.06	52	32.040	286	48.04	82
Sept. 6	22.057	299	29.61	80	43.663	297	55.73	73	47.525	424	16.54	11	32.326	281	47.22	51
16	22.356	288	30.41	69	43.960	287	56.46	59	47.949	408	16.65	74	32.607	271	46.71	19
26	22.644	274	31.10	57	44.247	273	57.05	45	48.357	380	17.39	134	32.878	258	46.52	13
Okt. 6	22.918	256	31.67	46	44.520	257	57.50	31	48.737	345	18.73	190	33.136	241	46.65	45
16	23.174	235	32.13	34	44.777	237	57.81	18	49.082	299	20.63	239	33.377	221	47.10	72
26	23.409	212	32.47	25	45.014	215	57.99	6	49.381	247	23.02	279	33.598	199	47.82	95
Nov. 5	23.621	184	32.72	16	45.229	187	58.05	2	49.628	188	25.81	308	33.797	172	48.77	115
15	23.805	153	32.88	10	45.416	158	58.03	10	49.816	124	28.89	326	33.969	142	49.92	127
25	23.958	118	32.98	5	45.574	124	57.93	14	49.940	57	32.15	332	34.111	109	51.19	133
Dez. 4	^{27}24.076	80	33.03	2	^{29}45.698	85	57.79	17	^{29}49.997	13	35.47	325	^{29}34.220	72	52.52	135
14	24.156	39	33.05	1	45.783	45	57.62	17	49.984	81	38.72	306	34.292	33	53.87	130
24	24.195	4	33.04	2	45.828	3	57.45	18	49.903	147	41.78	278	34.325	6	55.17	121
34	24.191		33.02		45.831		57.27		49.756		44.56		34.319		56.38	
Mittl. Ort	20.565		28.44		42.245		54.01		47.004		36.19		31.116		55.82	
sec δ, tg δ	1.058		+0.345		1.042		+0.294		1.750		−1.437		1.002		−0.061	
a, a'	+3.5		+8.0		+3.4		+7.5		+1.3		+7.4		+3.0		+7.4	
b, b'	+0.01		−0.92		+0.01		−0.93		−0.04		−0.93		0.00		−0.93	

Tag		172) 53 Eridani AR.		172) Dekl.		174) τ Tauri AR.		174) Dekl.		173) Grb 848 Caml AR.		173) Dekl.		175) 4 Camelopard. AR.		175) Dekl.	
1944		$4^h\ 35^m$		$-14°\ 24'$		$4^h\ 38^m$		$+22°\ 50'$		$4^h\ 41^m$		$+75°\ 50'$		$4^h\ 43^m$		$+56°\ 39'$	
Jan.	0	37.299 s	45	55.40 ″	163	53.189 s	22	59.44 ″	16	18.92 s	27	36.70 ″	268	20.802 s	69	36.24 ″	190
	10	37.254	83	57.03	140	53.167	66	59.60	11	18.65	43	39.38	236	20.733	142	38.14	166
	20	37.171	118	58.43	116	53.101	107	59.71	7	18.22	57	41.74	196	20.591	208	39.80	136
	30	37.053	149	59.59	87	52.994	141	59.78	0	17.65	68	43.70	148	20.383	265	41.16	102
Febr.	9	36.904	172	60.46	57	52.853	167	59.78	7	16.97	77	45.18	96	20.118	307	42.18	62
	19	36.732	187	61.03	27	52.686	185	59.71	14	16.20	82	46.14	40	19.811	334	42.80	21
	29	36.545	191	61.30	4	52.501	191	59.57	21	15.38	83	46.54	17	19.477	343	43.01	21
März	10	36.354	186	61.26	35	52.310	187	59.36	27	14.55	80	46.37	72	19.134	334	42.80	61
	20	36.168	171	60.91	65	52.123	170	59.09	31	13.75	74	45.65	122	18.800	307	42.19	97
	30	35.997	148	60.26	95	51.953	144	58.78	32	13.01	65	44.43	166	18.493	265	41.22	128
Apr.	9	35.849	116	59.31	122	51.809	109	58.46	30	12.36	52	42.77	204	18.228	208	39.94	154
	19	35.733	79	58.09	149	51.700	68	58.16	26	11.84	39	40.73	233	18.020	141	38.40	172
	29	35.654	37	56.60	173	51.632	22	57.90	18	11.45	22	38.40	252	17.879	68	36.68	183
Mai	9	35.617	8	54.87	194	51.610	27	57.72	9	11.23	5	35.88	261	17.811	10	34.85	187
	19	35.625	54	52.93	211	51.637	76	57.63	4	11.18	11	33.27	263	17.821	89	32.98	183
	29	35.679	97	50.82	224	51.713	123	57.67	16	11.29	28	30.64	255	17.910	165	31.15	174
Juni	8	35.776	139	48.58	232	51.836	166	57.83	31	11.57	43	28.09	240	18.075	237	29.41	159
	18	35.915	177	46.26	234	52.002	205	58.14	44	12.00	57	25.69	217	18.312	301	27.82	138
	28	36.092	210	43.92	230	52.207	239	58.58	56	12.57	71	23.52	189	18.613	358	26.44	115
Juli	8	36.302	237	41.62	220	52.446	267	59.14	67	13.28	81	21.63	156	18.971	406	25.29	88
	18	36.539	260	39.42	202	52.713	288	59.81	75	14.09	91	20.07	120	19.377	443	24.41	60
	28	36.799	275	37.40	180	53.001	303	60.56	80	15.00	98	18.87	80	19.820	472	23.81	31
Aug.	7	37.074	286	35.60	151	53.304	312	61.36	83	15.98	102	18.07	40	20.292	492	23.50	2
	17	37.360	290	34.09	116	53.616	317	62.19	83	17.00	106	17.67	2	20.784	503	23.48	28
	27	37.650	290	32.93	79	53.933	315	63.02	80	18.06	107	17.69	44	21.287	504	23.76	57
Sept.	6	37.940	284	32.14	38	54.248	310	63.82	75	19.13	106	18.13	85	21.791	500	24.33	83
	16	38.224	275	31.76	3	54.558	300	64.57	67	20.19	104	18.98	125	22.291	487	25.16	109
	26	38.499	260	31.79	45	54.858	288	65.24	60	21.23	99	20.23	163	22.778	468	26.25	133
Okt.	6	38.759	244	32.24	84	55.146	273	65.84	52	22.22	93	21.86	199	23.246	441	27.58	156
	16	39.003	222	33.08	118	55.419	252	66.36	45	23.15	84	23.85	230	23.687	409	29.14	175
	26	39.225	198	34.26	148	55.671	230	66.81	37	23.99	75	26.15	258	24.096	368	30.89	192
Nov.	5	39.423	169	35.74	171	55.901	202	67.18	32	24.74	62	28.73	282	24.464	321	32.81	207
	15	39.592	137	37.45	186	56.103	171	67.50	29	25.36	50	31.55	298	24.785	265	34.88	216
	25	30 39.729	103	39.31	194	1 56.274	136	67.79	25	25.86	34	34.53	308	25.050	202	37.04	222
Dez.	4	39.832	65	41.25	194	56.410	96	68.04	23	1 26.20	18	37.61	310	2 25.252	132	39.26	222
	14	39.897	25	43.19	186	56.506	54	68.27	21	26.38	1	40.71	303	25.384	59	41.48	216
	24	39.922	17	45.05	172	56.560	10	68.48	19	26.39	16	43.74	285	25.443	17	43.64	203
	34	39.905		46.77		56.570		68.67		26.23		46.59		25.426		45.67	
Mittl. Ort		36.851		43.88		52.796		64.51		15.61		35.28		19.735		36.63	
sec δ, tg δ		1.032		—0.257		1.085		+0.421		4.089		+3.965		1.819		+1.520	
a, a′		+2.8		+7.2		+3.6		+6.9		+8.1		+6.8		+5.0		+6.6	
b, b′		—0.01		—0.93		+0.01		—0.94		+0.09		—0.94		+0.03		—0.94	

Scheinbare Sternörter 1944

Tag	178) α Camelopard. AR.		Dekl.		180) π^5 Orionis AR.		Dekl.		181) ι Aurigae AR.		Dekl.		183) ε Aurigae AR.		Dekl.	
1944	$4^h\ 48^m$		+66° 14′		$4^h\ 51^m$		+2° 20′		$4^h\ 53^m$		+33° 4′		$4^h\ 57^m$		+43° 44′	
Jan. 0	29.74	12	62.18	235	20.304	15	53.46	93	21.044	12	41.83	72	57.381	18	30.67	131
10	29.62	21	64.53	208	20.289	57	52.53	81	21.032	63	42.55	64	57.363	76	31.98	117
20	29.41	30	66.61	174	20.232	95	51.72	68	20.969	109	43.19	52	57.287	130	33.15	98
30	29.11	38	68.35	133	20.137	128	51.04	55	20.860	150	43.71	38	57.157	177	34.13	75
Febr. 9	28.73	44	69.68	87	20.009	154	50.49	40	20.710	182	44.09	21	56.980	215	34.88	49
19	28.29	47	70.55	39	19.855	172	50.09	26	20.528	203	44.30	4	56.765	240	35.37	21
29	27.82	49	70.94	$\overline{11}$	19.683	179	49.83	11	20.325	213	44.34	$\overline{14}$	56.525	252	35.58	$\overline{8}$
März 10	27.33	47	70.83	59	19.504	178	49.72	$\overline{5}$	20.112	210	44.20	31	56.273	249	35.50	37
20	26.86	44	70.24	103	19.326	165	49.77	20	19.902	195	43.89	46	56.024	233	35.13	61
30	26.42	38	69.21	143	19.161	143	49.97	37	19.707	169	43.43	57	55.791	203	34.52	84
Apr. 9	26.04	31	67.78	176	19.018	113	50.34	54	19.538	133	42.86	66	55.588	162	33.68	101
19	25.73	22	66.02	201	18.905	78	50.88	71	19.405	88	42.20	70	55.426	112	32.67	114
29	25.51	13	64.01	217	18.827	36	51.59	88	19.317	39	41.50	70	55.314	56	31.53	121
Mai 9	25.38	2	61.84	226	18.791	$\overline{8}$	52.47	105	19.278	$\overline{12}$	40.80	66	55.258	$\overline{4}$	30.32	121
19	25.36	$\overline{9}$	59.58	226	18.799	52	53.52	119	19.290	66	40.14	58	55.262	64	29.11	118
29	25.45	18	57.32	219	18.851	95	54.71	133	19.356	118	39.56	48	55.326	123	27.93	109
Juni 8	25.63	28	55.13	205	18.946	135	56.04	144	19.474	166	39.08	34	55.449	179	26.84	97
18	25.91	38	53.08	185	19.081	173	57.48	151	19.640	209	38.74	20	55.628	229	25.87	82
28	26.29	45	51.23	160	19.254	206	58.99	154	19.849	247	38.54	6	55.857	274	25.05	64
Juli 8	26.74	51	49.63	131	19.460	233	60.53	154	20.096	279	38.48	$\overline{9}$	56.131	312	24.41	44
18	27.25	58	48.32	98	19.693	254	62.07	148	20.375	305	38.57	24	56.443	342	23.97	25
28	27.83	61	47.34	65	19.947	271	63.55	137	20.680	324	38.81	35	56.785	366	23.72	6
Aug. 7	28.44	65	46.69	30	20.218	282	64.92	122	21.004	336	39.16	47	57.151	381	23.66	$\overline{14}$
17	29.09	66	46.39	$\overline{6}$	20.500	287	66.14	104	21.340	343	39.63	55	57.532	391	23.80	32
27	29.75	67	46.45	42	20.787	288	67.18	80	21.683	345	40.18	63	57.923	395	24.12	49
Sept. 6	30.42	67	46.87	76	21.075	285	67.98	54	22.028	342	40.81	67	58.318	392	24.61	64
16	31.09	65	47.63	110	21.360	278	68.52	28	22.370	335	41.48	72	58.710	386	25.25	79
26	31.74	63	48.73	141	21.638	268	68.80	0	22.705	323	42.20	74	59.096	374	26.04	92
Okt. 6	32.37	60	50.14	172	21.906	255	68.80	27	23.028	308	42.94	76	59.470	356	26.96	104
16	32.97	55	51.86	198	22.161	237	68.53	50	23.336	289	43.70	78	59.826	335	28.00	115
26	33.52	49	53.84	223	22.398	215	68.03	71	23.625	265	44.48	80	60.161	308	29.15	125
Nov. 5	34.01	42	56.07	242	22.613	192	67.32	87	23.890	237	45.28	81	60.469	274	30.40	133
15	34.43	35	58.49	258	22.805	163	66.45	99	24.127	203	46.09	82	60.743	235	31.73	141
25	34.78	26	61.07	266	22.968	131	65.46	105	24.330	165	46.91	84	60.978	189	33.14	146
Dez. 4*)	[3]35.04	16	63.73	269	[4]23.099	94	64.41	106	[4]24.495	120	47.75	84	[5]61.167	138	34.60	147
14	35.20	7	66.42	263	23.193	54	63.35	103	24.615	73	48.59	81	61.305	83	36.07	145
24	35.27	$\overline{5}$	69.05	250	23.247	13	62.32	97	24.688	23	49.40	78	61.388	23	37.52	139
34	35.22		71.55		23.260		61.35		24.711		50.18		61.411		38.91	
Mittl. Ort	28.01		61.92		19.907		61.93		20.540		45.66		56.704		33.26	
sec δ, tg δ	2.483		+2.273		1.001		+0.041		1.193		+0.651		1.384		+0.957	
a, a′	+6.0		+6.2		+3.1		+5.9		+3.9		+5.7		+4.3		+5.4	
b, b′	+0.05		—0.95		0.00		—0.96		+0.01		—0.96		+0.02		—0.96	

*) Bei Stern 183) lies Dez. 5.

Tag	182) β Camelopard. AR.		Dekl.		184) ι Tauri AR.		Dekl.		185) η Aurigae AR.		Dekl.		186) ε Leporis AR.		Dekl.	
1944	4h 58m		+60° 21′		4h 59m		+21° 30′		5h 2m		+41° 9′		5h 3m		−22° 26′	
Jan. 0	26.86s	6	46.10″	214	45.130s	3	36.76″	9	35.597s	8	36.05″	118	5.976s	34	53.42″	207
10	26.80	14	48.24	191	45.127	49	36.85	8	35.589	66	37.23	106	5.942	77	55.49	182
20	26.66	22	50.15	163	45.078	91	36.93	7	35.523	119	38.29	90	5.865	117	57.31	152
30	26.44	28	51.78	127	44.987	129	37.00	3	35.404	165	39.19	70	5.748	152	58.83	119
Febr. 9	26.16	34	53.05	86	44.858	159	37.03	1	35.239	202	39.89	47	5.596	180	60.02	82
19	25.82	37	53.91	43	44.699	180	37.02	7	35.037	227	40.36	21	5.416	199	60.84	45
29	25.45	39	54.34	1	44.519	190	36.95	11	34.810	240	40.57	5	5.217	209	61.29	8
März 10	25.06	38	54.33	44	44.329	189	36.84	16	34.570	239	40.52	30	5.008	207	61.37	30
20	24.68	35	53.89	85	44.140	177	36.68	20	34.331	224	40.22	54	4.801	197	61.07	66
30	24.33	32	53.04	122	43.963	154	36.48	20	34.107	196	39.68	74	4.604	177	60.41	102
Apr. 9	24.01	25	51.82	152	43.809	122	36.28	20	33.911	158	38.94	90	4.427	148	59.39	135
19	23.76	19	50.30	175	43.687	84	36.08	17	33.753	111	38.04	101	4.279	112	58.04	166
29	23.57	11	48.55	192	43.603	40	35.91	10	33.642	57	37.03	107	4.167	71	56.38	194
Mai 9	23.46	2	46.63	200	43.563	7	35.81	2	33.585	0	35.96	108	4.096	27	54.44	219
19	23.44	7	44.63	201	43.570	55	35.79	8	33.585	58	34.88	104	4.069	18	52.25	238
29	23.51	15	42.62	194	43.625	102	35.87	19	33.643	115	33.84	96	4.087	64	49.87	252
Juni 8	23.66	23	40.68	183	43.727	145	36.06	31	33.758	169	32.88	85	4.151	108	47.35	262
18	23.89	30	38.85	165	43.872	185	36.37	42	33.927	217	32.03	70	4.259	149	44.73	264
28	24.19	36	37.20	144	44.057	220	36.79	52	34.144	261	31.33	54	4.408	185	42.09	259
Juli 8	24.55	43	35.76	118	44.277	250	37.31	62	34.405	298	30.79	36	4.593	218	39.50	247
18	24.98	47	34.58	90	44.527	273	37.93	67	34.703	327	30.43	19	4.811	244	37.03	228
28	25.45	50	33.68	60	44.800	291	38.60	71	35.030	350	30.24	1	5.055	266	34.75	202
Aug. 7	25.95	53	33.08	30	45.091	304	39.31	72	35.380	366	30.23	16	5.321	281	32.73	170
17	26.48	55	32.78	1	45.395	310	40.03	70	35.746	376	30.39	31	5.602	291	31.03	131
27	27.03	56	32.79	33	45.705	312	40.73	66	36.122	380	30.70	46	5.893	296	29.72	87
Sept. 6	27.59	56	33.12	62	46.017	311	41.39	60	36.502	379	31.16	59	6.189	296	28.85	41
16	28.15	54	33.74	92	46.328	304	41.99	51	36.881	373	31.75	71	6.485	290	28.44	7
26	28.69	53	34.66	119	46.632	296	42.50	43	37.254	362	32.46	81	6.775	280	28.51	56
Okt. 6	29.22	50	35.85	146	46.928	282	42.93	34	37.616	347	33.27	92	7.055	265	29.07	101
16	29.72	47	37.31	170	47.210	266	43.27	26	37.963	327	34.19	100	7.320	246	30.08	142
26	30.19	43	39.01	192	47.476	245	43.53	19	38.290	301	35.19	110	7.566	223	31.50	179
Nov. 5	30.62	38	40.93	210	47.721	221	43.72	14	38.591	271	36.29	117	7.789	194	33.29	207
15	31.00	31	43.03	225	47.942	191	43.86	11	38.862	233	37.46	123	7.983	162	35.36	227
25	31.31	25	45.28	234	48.133	156	43.97	10	39.095	190	38.69	129	8.145	125	37.63	238
Dez. 5	31.56	17	47.62	238	48.289	118	44.07	9	39.285	141	39.98	130	8.270	84	40.01	241
	5				6				7				7			
14	31.73	9	50.00	236	48.407	75	44.16	10	39.426	88	41.28	130	8.354	42	42.42	233
24	31.82	0	52.36	225	48.482	29	44.26	10	39.514	31	42.58	124	8.396	4	44.75	219
34	31.82		54.61		48.511		44.36		39.545		43.82		8.392		46.94	
Mittl. Ort	25.58		46.93		44.703		42.37		34.964		39.14		5.338		41.83	
sec δ, tg δ	2.022		+1.758		1.075		+0.394		1.328		+0.874		1.082		−0.413	
a, a′	+5.3		+5.3		+3.6		+5.2		+4.2		+5.0		+2.5		+4.9	
b, b′	+0.03		−0.96		+0.01		−0.97		+0.01		−0.97		−0.01		−0.97	

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Tag	188) β Eridani AR.	188) β Eridani Dekl.	192) μ Aurigae AR.	192) μ Aurigae Dekl.	194) β Orionis AR.	194) β Orionis Dekl.	193) α Aurigae AR.	193) α Aurigae Dekl.
1944	$5^h\ 5^m$	$-5°\ 9'$	$5^h\ 9^m$	$+38°25'$	$5^h\ 11^m$	$-8°\ 15'$	$5^h\ 12^m$	$+45°56'$
Jan. 0	$6^s.143$ 10	$35''.68$ 133	$36^s.108$ 2	$8''.85$ 104	$51^s.205$ 7	$63''.15$ 151	$33^s.619$ 1	$33''.06$ 144
10	6.133 52	37.01 118	36.110 $\overline{54}$	9.89 95	51.198 50	64.66 133	33.618 64	34.50 133
20	6.081 92	38.19 99	36.056 106	10.84 82	51.148 90	65.99 112	33.554 123	35.83 115
30	5.989 126	39.18 78	35.950 152	11.66 65	51.058 126	67.11 89	33.431 174	36.98 92
Febr. 9	5.863 154	39.96 57	35.798 189	12.31 45	50.932 154	68.00 65	33.257 216	37.90 66
19	5.709 174	40.53 34	35.609 215	12.76 23	50.778 175	68.65 39	33.041 246	38.56 36
29	5.535 184	40.87 12	35.394 229	12.99 0	50.603 187	69.04 14	32.795 262	38.92 5
März 10	5.351 183	40.99 $\overline{11}$	35.165 230	12.99 23	50.416 187	69.18 $\overline{12}$	32.533 263	38.97 $\overline{24}$
20	5.168 174	40.88 34	34.935 217	12.76 44	50.229 178	69.06 38	32.270 248	38.73 53
30	4.994 154	40.54 56	34.718 191	12.32 62	50.051 159	68.68 62	32.022 221	38.20 79
Apr. 9	4.840 126	39.98 78	34.527 156	11.70 76	49.892 133	68.06 87	31.801 182	37.41 100
19	4.714 92	39.20 100	34.371 111	10.94 87	49.759 99	67.19 110	31.619 133	36.41 116
29	4.622 52	38.20 121	34.260 61	10.07 92	49.660 60	66.09 133	31.486 76	35.25 126
Mai 9	4.570 10	36.99 139	34.199 6	9.15 93	49.600 18	64.76 152	31.410 15	33.99 132
19	4.560 $\overline{34}$	35.60 156	34.193 $\overline{50}$	8.22 89	49.582 $\overline{25}$	63.24 170	31.395 $\overline{46}$	32.67 131
29	4.594 76	34.04 170	34.243 104	7.33 82	49.607 68	61.54 184	31.441 107	31.36 125
Juni 8	4.670 118	32.34 180	34.347 156	6.51 72	49.675 110	59.70 194	31.548 166	30.11 115
18	4.788 156	30.54 185	34.503 203	5.79 58	49.785 148	57.76 200	31.714 219	28.96 102
28	4.944 189	28.69 187	34.706 246	5.21 44	49.933 182	55.76 200	31.933 266	27.94 87
Juli 8	5.133 218	26.82 182	34.952 282	4.77 29	50.115 212	53.76 194	32.199 308	27.07 68
18	5.351 242	25.00 172	35.234 311	4.48 13	50.327 236	51.82 183	32.507 342	26.39 49
28	5.593 260	23.28 157	35.545 334	4.35 $\overline{2}$	50.563 256	49.99 166	32.849 368	25.90 29
Aug. 7	5.853 274	21.71 137	35.879 350	4.37 17	50.819 271	48.33 144	33.217 388	25.61 9
17	6.127 282	20.34 111	36.229 361	4.54 29	51.090 280	46.89 116	33.605 401	25.52 $\overline{9}$
27	6.409 285	19.23 82	36.590 366	4.83 41	51.370 284	45.73 84	34.006 408	25.61 28
Sept. 6	6.694 284	18.41 49	36.956 366	5.24 51	51.654 285	44.89 48	34.414 409	25.89 46
16	6.978 279	17.92 15	37.322 362	5.75 61	51.939 281	44.41 12	34.823 405	26.35 62
26	7.257 271	17.77 $\overline{20}$	37.684 352	6.36 69	52.220 274	44.29 $\overline{25}$	35.228 395	26.97 78
Okt. 6	7.528 258	17.97 52	38.036 339	7.05 76	52.494 262	44.54 61	35.623 380	27.75 92
16	7.786 243	18.49 83	38.375 321	7.81 85	52.756 247	45.15 94	36.003 361	28.67 107
26	8.029 223	19.32 108	38.696 297	8.66 91	53.003 227	46.09 123	36.364 334	29.74 120
Nov. 5	8.252 199	20.40 129	38.993 269	9.57 98	53.230 203	47.32 145	36.698 301	30.94 132
15	8.451 170	21.69 144	39.262 234	10.55 104	53.433 175	48.77 161	36.999 261	32.26 142
25	8.621 138	23.13 152	39.496 193	11.59 109	53.608 143	50.38 170	37.260 216	33.68 150
Dez. 5	8.759 101	24.65 153	39.689 147	12.68 112	53.751 105	52.08 173	37.476 162	35.18 155
14	[7] 8.860 62	26.18 150	[8] 39.836 95	13.80 112	[9] 53.855 65	53.81 168	[9] 37.638 104	36.73 155
24	8.922 19	27.68 140	39.931 40	14.92 109	53.921 23	55.49 158	37.742 43	38.28 151
34	8.941	29.08	39.971	16.01	53.944	57.07	37.785	39.79
Mittl. Ort	5.677	26.36	35.513	12.52	50.701	53.62	32.877	36.01
sec δ, tg δ	1.004	−0.090	1.276	+0.793	1.010	−0.145	1.438	+1.033
a, *a'*	+3.0	+4.8	+4.1	+4.4	+2.9	+4.2	+4.4	+4.1
b, *b'*	0.00	−0.97	+0.01	−0.98	0.00	−0.98	+0.01	−0.98

Tag	191) 19 H. Camelop. AR.	Δ	191) Dekl.	Δ	196) ϑ Doradus AR.	Δ	196) Dekl.	Δ	201) γ Orionis AR.	Δ	201) Dekl.	Δ	202) β Tauri AR.	Δ	202) Dekl.	Δ
1944	$5^h\ 13^m$		$+79°\ 9'$		$5^h\ 13^m$		$-67°\ 14'$		$5^h\ 22^m$		$+6°\ 17'$		$5^h\ 22^m$		$+28°\ 33'$	
Jan. 0	21.84	22	77.83	296	50.74	27	68.36	299	7.979	13	54.35	78	45.458	19	38.25	49
10	21.62	45	80.79	270	50.47	35	71.35	262	7.992	31	53.57	69	45.477	31	38.74	47
20	21.17	64	83.49	236	50.12	44	73.97	217	7.961	74	52.88	57	45.446	80	39.21	43
30	20.53	82	85.85	193	49.68	50	76.14	167	7.887	111	52.31	45	45.366	123	39.64	36
Febr. 9	19.71	95	87.78	143	49.18	56	77.81	114	7.776	143	51.86	34	45.243	159	40.00	26
19	18.76	104	89.21	87	48.62	59	78.95	59	7.633	166	51.52	22	45.084	185	40.26	15
29	17.72	109	90.08	30	48.03	60	79.54	3	7.467	179	51.30	11	44.899	201	40.41	3
März 10	16.63	109	90.38	28	47.43	60	79.57	53	7.288	182	51.19	0	44.698	203	40.44	9
20	15.54	103	90.10	83	46.83	59	79.04	105	7.106	174	51.19	12	44.495	195	40.35	21
30	14.51	94	89.27	134	46.24	54	77.99	156	6.932	157	51.31	24	44.300	175	40.14	30
Apr. 9	13.57	80	87.93	177	45.70	50	76.43	202	6.775	131	51.55	37	44.125	145	39.84	37
19	12.77	64	86.16	215	45.20	42	74.41	244	6.644	97	51.92	51	43.980	107	39.47	42
29	12.13	45	84.01	243	44.78	35	71.97	280	6.547	59	52.43	64	43.873	63	39.05	42
Mai 9	11.68	24	81.58	261	44.43	26	69.17	311	6.488	17	53.07	77	43.810	14	38.63	40
19	11.44	3	78.97	272	44.17	17	66.06	334	6.471	27	53.84	91	43.796	34	38.23	35
29	11.41	18	76.25	272	44.00	7	62.72	349	6.498	70	54.75	102	43.830	83	37.88	28
Juni 8	11.59	39	73.53	264	43.93	3	59.23	355	6.568	111	55.77	113	43.913	131	37.60	18
18	11.98	59	70.89	249	43.96	13	55.68	354	6.679	150	56.90	120	44.044	173	37.42	9
28	12.57	76	68.40	228	44.09	22	52.14	342	6.829	184	58.10	125	44.217	211	37.33	2
Juli 8	13.33	93	66.12	200	44.31	31	48.72	322	7.013	213	59.35	126	44.428	245	37.35	12
18	14.26	107	64.12	167	44.62	39	45.50	291	7.226	238	60.61	122	44.673	273	37.47	21
28	15.33	118	62.45	132	45.01	46	42.59	252	7.464	258	61.83	115	44.946	294	37.68	29
Aug. 7	16.51	127	61.13	92	45.47	51	40.07	205	7.722	272	62.98	104	45.240	310	37.97	34
17	17.78	134	60.21	51	45.98	56	38.02	151	7.994	282	64.02	88	45.550	322	38.31	38
27	19.12	137	59.70	10	46.54	59	36.51	92	8.276	288	64.90	70	45.872	327	38.69	40
Sept. 6	20.49	139	59.60	34	47.13	60	35.59	28	8.564	290	65.60	48	46.199	330	39.09	41
16	21.88	138	59.94	76	47.73	59	35.31	37	8.854	287	66.08	24	46.529	327	39.50	40
26	23.26	135	60.70	118	48.32	57	35.68	101	9.141	282	66.32	0	46.856	322	39.90	39
Okt. 6	24.61	129	61.88	158	48.89	53	36.69	163	9.423	272	66.32	22	47.178	312	40.29	37
16	25.90	120	63.46	196	49.42	48	38.32	218	9.695	260	66.10	44	47.490	297	40.66	37
26	27.10	108	65.42	231	49.90	40	40.50	266	9.955	242	65.66	62	47.787	279	41.03	37
Nov. 5	28.18	94	67.73	262	50.30	32	43.16	304	10.197	221	65.04	76	48.066	256	41.40	37
15	29.12	78	70.35	286	50.62	23	46.20	331	10.418	194	64.28	86	48.322	225	41.77	40
25	29.90	59	73.21	305	50.85	12	49.51	346	10.612	163	63.42	91	48.547	191	42.17	43
Dez. 5	30.49	38	76.26	315	50.97	1	52.97	347	10.775	127	62.51	92	48.738	149	42.60	46
14	[9] 30.87	15	79.41	317	[9] 50.98	9	56.44	337	[11] 10.902	87	61.59	89	[12] 48.887	104	43.06	49
24	31.02	7	82.58	308	50.89	20	59.81	316	10.989	44	60.70	82	48.991	55	43.55	51
34	30.95		85.66		50.69		62.97		11.033		59.88		49.046		44.06	
Mittl. Ort	17.25		78.27		47.62		54.20		7.529		61.98		44.958		43.40	
sec δ, tg δ	5.323		+5.228		2.586		−2.385		1.006		+0.110		1.139		+0.544	
a, a′	+9.9		+4.1		0.0		+4.0		+3.2		+3.3		+3.8		+3.2	
b, b′	+0.07		−0.98		−0.03		−0.98		0.00		−0.99		+0.01		−0.99	

Scheinbare Sternörter 1944

Tag	203) 17 Camelopard.				206) δ Orionis				207) α Leporis				205) Grb 966 Caml			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	$5^h\ 24^m$		$+63°\ 1'$		$5^h\ 29^m$		$-0°\ 20'$		$5^h\ 30^m$		$-17°\ 51'$		$5^h\ 32^m$		$+75°\ 0'$	
Jan. 0	53.88	2	21.88	235	9.118	15	28.58	116	16.181	2	49.43	202	16.48	6	37.22	287
10	53.86	11	24.23	217	9.133	30	29.74	103	16.179	48	51.45	181	16.42	24	40.09	268
20	53.75	20	26.40	193	9.103	71	30.77	86	16.131	91	53.26	154	16.18	39	42.77	239
30	53.55	28	28.33	160	9.032	110	31.63	70	16.040	129	54.80	125	15.79	52	45.16	201
Febr. 9	53.27	35	29.93	121	8.922	142	32.33	51	15.911	161	56.05	93	15.27	64	47.17	157
19	52.92	39	31.14	78	8.780	166	32.84	34	15.750	184	56.98	60	14.63	72	48.74	106
29	52.53	42	31.92	33	8.614	179	33.18	15	15.566	198	57.58	25	13.91	76	49.80	52
März 10	52.11	43	32.25	13	8.435	184	33.33	3	15.368	203	57.83	9	13.15	78	50.32	3
20	51.68	40	32.12	58	8.251	177	33.30	21	15.165	196	57.74	42	12.37	76	50.29	56
30	51.28	37	31.54	98	8.074	161	33.09	39	14.969	180	57.32	75	11.61	69	49.73	107
Apr. 9	50.91	32	30.56	135	7.913	136	32.70	58	14.789	155	56.57	107	10.92	61	48.66	151
19	50.59	25	29.21	164	7.777	104	32.12	75	14.634	124	55.50	135	10.31	49	47.15	190
29	50.34	16	27.57	187	7.673	67	31.37	92	14.510	86	54.15	163	9.82	36	45.25	219
Mai 9	50.18	8	25.70	203	7.606	26	30.45	109	14.424	44	52.52	187	9.46	22	43.06	242
19	50.10	1	23.67	210	7.580	16	29.36	125	14.380	2	50.65	208	9.24	6	40.64	254
29	50.11	10	21.57	211	7.596	59	28.11	137	14.378	42	48.57	224	9.18	9	38.10	259
Juni 8	50.21	20	19.46	204	7.655	100	26.74	148	14.420	85	46.33	235	9.27	25	35.51	257
18	50.41	27	17.42	193	7.755	138	25.26	155	14.505	125	43.98	240	9.52	39	32.94	245
28	50.68	35	15.49	175	7.893	172	23.71	157	14.630	162	41.58	239	9.91	53	30.49	228
Juli 8	51.03	42	13.74	154	8.065	203	22.14	155	14.792	194	39.19	231	10.44	65	28.21	205
18	51.45	47	12.20	128	8.268	228	20.59	149	14.986	223	36.88	217	11.09	75	26.16	178
28	51.92	52	10.92	101	8.496	248	19.10	138	15.209	245	34.71	195	11.84	84	24.38	145
Aug. 7	52.44	55	9.91	72	8.744	265	17.72	121	15.454	264	32.76	168	12.68	92	22.93	111
17	52.99	58	9.19	40	9.009	275	16.51	101	15.718	278	31.08	133	13.60	97	21.82	74
27	53.57	60	8.79	9	9.284	283	15.50	75	15.996	285	29.75	95	14.57	101	21.08	35
Sept. 6	54.17	61	8.70	23	9.567	285	14.75	48	16.281	290	28.80	52	15.58	103	20.73	5
16	54.78	60	8.93	54	9.852	284	14.27	18	16.571	289	28.28	7	16.61	102	20.78	45
26	55.38	60	9.47	86	10.136	280	14.09	12	16.860	284	28.21	38	17.63	102	21.23	85
Okt. 6	55.98	57	10.33	115	10.416	271	14.21	41	17.144	274	28.59	82	18.65	98	22.08	124
16	56.55	55	11.48	145	10.687	259	14.62	69	17.418	261	29.41	122	19.63	93	23.32	162
26	57.10	50	12.93	171	10.946	243	15.31	92	17.679	241	30.63	158	20.56	86	24.94	197
Nov. 5	57.60	45	14.64	196	11.189	221	16.23	110	17.920	218	32.21	188	21.42	76	26.91	228
15	58.05	40	16.60	216	11.410	195	17.33	124	18.138	188	34.09	209	22.18	65	29.19	256
25	58.45	32	18.76	232	11.605	165	18.57	132	18.326	155	36.18	222	22.83	53	31.75	277
Dez. 5	58.77	23	21.08	243	11.770	128	19.89	133	18.481	116	38.40	226	23.36	37	34.52	292
14	59.00	14	23.51	247	11.898	88	21.22	130	18.597	73	40.66	223	23.73	21	37.44	298
24	59.14	5	25.98	242	11.986	46	22.52	121	18.670	29	42.89	211	23.94	5	40.42	295
34	59.19		28.40		12.032		23.73		18.699		45.00		23.99		43.37	
Mittl. Ort	52.40		23.99		8.630		20.35		15.530		39.58		13.36		39.07	
sec δ, tg δ	2.204		+1.965		1.000		−0.006		1.051		−0.322		3.866		+3.735	
a, *a′*	+5.7		+3.1		+3.1		+2.7		+2.6		+2.6		+8.0		+2.4	
b, *b′*	+0.02		−0.99		0.00		−0.99		0.00		−0.99		+0.03		−0.99	

Obere Kulmination Greenwich

Tag	209) ι Orionis				212) β Doradus				210) ε Orionis				211) ζ Tauri			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	$5^h\ 32^m$		$-5°\ 56'$		$5^h\ 33^m$		$-62°\ 31'$		$5^h\ 33^m$		$-1°\ 14'$		$5^h\ 34^m$		$+21°\ 6'$	
Jan. 0	42.058	13	51.01	147	10.76	16	46.42	314	22.712	18	18.22	123	18.219	30	30.58	5
10	42.071	32	52.48	130	10.60	25	49.56	282	22.730	27	19.45	107	18.249	19	30.63	9
20	42.039	74	53.78	111	10.35	32	52.38	241	22.703	69	20.52	92	18.230	65	30.72	11
30	41.965	112	54.89	89	10.03	39	54.79	195	22.634	108	21.44	74	18.165	107	30.83	11
Febr. 9	41.853	144	55.78	67	9.64	44	56.74	143	22.526	141	22.18	54	18.058	144	30.94	10
19	41.709	168	56.45	43	9.20	48	58.17	89	22.385	165	22.72	36	17.914	170	31.04	6
29	41.541	182	56.88	20	8.72	49	59.06	35	22.220	179	23.08	16	17.744	187	31.10	3
März 10	41.359	188	57.08	4	8.23	50	59.41	21	22.041	184	23.24	2	17.557	192	31.13	1
20	41.171	181	57.04	27	7.73	49	59.20	74	21.857	178	23.22	21	17.365	186	31.12	5
30	40.990	165	56.77	50	7.24	47	58.46	126	21.679	163	23.01	41	17.179	169	31.07	8
Apr 9	40.825	142	56.27	73	6.77	42	57.20	175	21.516	139	22.60	59	17.010	143	30.99	9
19	40.683	111	55.54	95	6.35	37	55.45	219	21.377	108	22.01	77	16.867	108	30.90	8
29	40.572	74	54.59	115	5.98	31	53.26	258	21.269	70	21.24	96	16.759	68	30.82	5
Mai 9	40.498	33	53.44	135	5.67	23	50.68	292	21.199	30	20.28	112	16.691	24	30.77	0
19	40.465	9	52.09	152	5.44	16	47.76	319	21.169	12	19.16	128	16.667	22	30.77	6
29	40.474	51	50.57	166	5.28	8	44.57	338	21.181	54	17.88	141	16.689	68	30.83	15
Juni 8	40.525	93	48.91	176	5.20	0	41.19	350	21.235	95	16.47	152	16.757	112	30.98	23
18	40.618	130	47.15	183	5.20	9	37.69	352	21.330	134	14.95	158	16.869	153	31.21	31
28	40.748	166	45.32	184	5.29	17	34.17	345	21.464	168	13.37	160	17.022	190	31.52	38
Juli 8	40.914	196	43.48	181	5.46	24	30.72	328	21.632	199	11.77	159	17.212	221	31.90	45
18	41.110	223	41.67	172	5.70	31	27.44	304	21.831	225	10.18	152	17.433	249	32.35	49
28	41.333	244	39.95	157	6.01	37	24.40	268	22.056	245	8.66	140	17.682	271	32.84	51
Aug. 7	41.577	261	38.38	137	6.38	43	21.72	224	22.301	262	7.26	123	17.953	287	33.35	51
17	41.838	273	37.01	111	6.81	46	19.48	173	22.563	274	6.03	102	18.240	299	33.86	48
27	42.111	280	35.90	83	7.27	50	17.75	116	22.837	281	5.01	76	18.539	307	34.34	43
Sept. 6	42.391	284	35.07	49	7.77	51	16.59	53	23.118	284	4.25	47	18.846	310	34.77	36
16	42.675	284	34.58	14	8.28	51	16.06	12	23.402	284	3.78	17	19.156	311	35.13	27
26	42.959	279	34.44	21	8.79	50	16.18	77	23.686	281	3.61	14	19.467	306	35.40	19
Okt. 6	43.238	272	34.65	55	9.29	47	16.95	139	23.967	273	3.75	44	19.773	299	35.59	10
16	43.510	259	35.20	87	9.76	43	18.34	198	24.240	261	4.19	72	20.072	287	35.69	2
26	43.769	242	36.07	115	10.19	39	20.32	250	24.501	245	4.91	96	20.359	271	35.71	3
Nov. 5	44.011	222	37.22	137	10.58	32	22.82	292	24.746	224	5.87	116	20.630	250	35.68	7
15	44.233	195	38.59	153	10.90	24	25.74	323	24.970	198	7.03	130	20.880	224	35.61	8
25	44.428	163	40.12	163	11.14	16	28.97	343	25.168	168	8.33	138	21.104	191	35.53	7
Dez. 5	44.591	127	41.75	166	11.30	7	32.40	351	25.336	131	9.71	139	21.295	153	35.46	4
14*)	44.718	87	43.41	162	11.37	2	35.91	345	25.467	92	11.10	137	21.448	111	35.42	1
24	44.805	44	45.03	154	11.35	10	39.36	329	25.559	48	12.47	127	21.559	64	35.41	4
34	44.849		46.57		11.25		42.65		25.607		13.74		21.623		35.45	
Mittl. Ort	41.527		42.32		8.15		34.21		22.212		9.99		17.748		36.68	
sec δ, tg δ	1.005		−0.104		2.168		−1.923		1.000		−0.022		1.072		+0.386	
a, a′	+2.9		+2.4		+0.5		+2.3		+3.0		+2.3		+3.6		+2.2	
b, b′	0.00		−0.99		−0.02		−0.99		0.00		−0.99		0.00		−0.99	

*) Bei Stern 211) lies Dez. 15.

Tag	215) α Columbae AR.		215) α Columbae Dekl.		216) ο Aurigae AR.		216) ο Aurigae Dekl.		219) ζ Leporis AR.		219) ζ Leporis Dekl.		220) κ Orionis AR.		220) κ Orionis Dekl.	
1944	$5^h\ 37^m$		$-34°\ 5'$		$5^h\ 41^m$		$+49°\ 48'$		$5^h\ 44^m$		$-14°\ 50'$		$5^h\ 45^m$		$-9°\ 41'$	
	s		"		s		"		s		"		s		"	
Jan. 0	38.160	24	80.74	268	34.394	35	10.99	171	25.636	14	38.39	195	6.538	21	25.75	170
10	38.136	75	83.42	241	34.429	34	12.70	163	25.650	32	40.34	175	6.559	25	27.45	152
20	38.061	122	85.83	208	34.395	102	14.33	149	25.618	75	42.09	151	6.534	69	28.97	131
30	37.939	165	87.91	169	34.293	163	15.82	128	25.543	116	43.60	123	6.465	108	30.28	107
Febr. 9	37.774	201	89.60	128	34.130	215	17.10	101	25.427	150	44.83	94	6.357	142	31.35	81
19	37.573	226	90.88	83	33.915	254	18.11	72	25.277	175	45.77	63	6.215	168	32.16	54
29	37.347	243	91.71	38	33.661	279	18.83	39	25.102	191	46.40	32	6.047	185	32.70	28
März 10	37.104	247	92.09	7	33.382	287	19.22	5	24.911	198	46.72	0	5.862	191	32.98	0
20	36.857	242	92.02	52	33.095	280	19.27	28	24.713	194	46.72	31	5.671	187	32.98	27
30	36.615	226	91.50	95	32.815	258	18.99	60	24.519	180	46.41	62	5.484	173	32.71	53
Apr. 9	36.389	200	90.55	136	32.557	222	18.39	87	24.339	157	45.79	91	5.311	151	32.18	78
19	36.189	167	89.19	175	32.335	174	17.52	110	24.182	128	44.88	119	5.160	122	31.40	103
29	36.022	127	87.44	209	32.161	119	16.42	128	24.054	92	43.69	145	5.038	86	30.37	126
Mai 9	35.895	83	85.35	239	32.042	58	15.14	140	23.962	52	42.24	168	4.952	47	29.11	147
19	35.812	36	82.96	264	31.984	6	13.74	146	23.910	11	40.56	189	4.905	5	27.64	165
29	35.776	13	80.32	283	31.990	71	12.28	147	23.899	32	38.67	205	4.900	37	25.99	180
Juni 8	35.789	60	77.49	295	32.061	133	10.81	144	23.931	74	36.62	217	4.937	78	24.19	192
18	35.849	106	74.54	300	32.194	193	9.37	135	24.005	114	34.45	223	5.015	116	22.27	198
28	35.955	150	71.54	297	32.387	246	8.02	123	24.119	150	32.22	223	5.131	153	20.29	200
Juli 8	36.105	189	68.57	286	32.633	294	6.79	108	24.269	183	29.99	218	5.284	184	18.29	196
18	36.294	225	65.71	266	32.927	335	5.71	91	24.452	211	27.81	206	5.468	212	16.33	185
28	36.519	253	63.05	238	33.262	370	4.80	72	24.663	236	25.75	187	5.680	235	14.48	169
Aug. 7	36.772	278	60.67	203	33.632	396	4.08	53	24.899	254	23.88	162	5.915	254	12.79	147
17	37.050	297	58.64	160	34.028	415	3.55	33	25.153	270	22.26	131	6.169	268	11.32	120
27	37.347	310	57.04	112	34.443	430	3.22	12	25.423	280	20.95	94	6.437	278	10.12	88
Sept. 6	37.657	317	55.92	58	34.873	438	3.10	8	25.703	285	20.01	55	6.715	283	9.24	51
16	37.974	318	55.34	3	35.311	439	3.18	28	25.988	288	19.46	13	6.998	284	8.73	14
26	38.292	313	55.31	53	35.750	436	3.46	48	26.276	285	19.33	31	7.282	283	8.59	25
Okt. 6	38.605	302	55.84	108	36.186	426	3.94	68	26.561	278	19.64	73	7.565	277	8.84	63
16	38.907	286	56.92	159	36.612	410	4.62	88	26.839	266	20.37	112	7.842	265	9.47	98
26	39.193	262	58.51	204	37.022	387	5.50	106	27.105	251	21.49	147	8.107	250	10.45	129
Nov. 5	39.455	233	60.55	241	37.409	356	6.56	125	27.356	228	22.96	175	8.357	230	11.74	155
15	39.688	198	62.96	270	37.765	317	7.81	141	27.584	202	24.71	197	8.587	204	13.29	174
25	39.886	157	65.66	288	38.082	269	9.22	155	27.786	170	26.68	210	8.791	173	15.03	185
Dez. 5	40.043	111	68.54	294	38.351	213	10.77	167	27.956	132	28.78	216	8.964	136	16.88	189
15	$_{15}$40.154	63	71.48	292	$_{16}$38.564	152	12.44	173	28.088	90	30.94	212	$_{17}$9.100	96	18.77	187
24	40.217	10	74.40	279	38.716	84	14.17	175	^{17}28.178	46	33.06	203	9.196	52	20.64	177
34	40.227		77.19		38.800		15.92		28.224		35.09		9.248		22.41	
Mittl. Ort	37.174		70.13		33.541		14.88		24.994		29.41		5.953		17.16	
sec δ, tg δ	1.208		−0.677		1.549		+1.183		1.034		−0.265		1.014		−0.171	
a, *a′*	+2.2		+2.0		+4.6		+1.6		+2.7		+1.4		+2.8		+1.3	
b, *b′*	0.00		−1.00		+0.01		−1.00		0.00		−1.00		0.00		−1.00	

Tag		224) α Orionis AR.		224) α Orionis Dekl.		225) δ Aurigae AR.		225) δ Aurigae Dekl.		227) β Aurigae AR.		227) β Aurigae Dekl.		1162) +33° 1209 Auri AR.		1162) +33° 1209 Auri Dekl.	
1944		$5^h\ 52^m$		+7° 23′		$5^h\ 54^m$		+54° 16′		$5^h\ 55^m$		+44° 56′		$5^h\ 56^m$		+33° 7′	
Jan.	0	8.816	41	46.67	79	55.874	54	54.12	196	25.908	57	33.54	145	33.963	57	59.78	76
	10	8.857	6	45.88	68	55.928	24	56.08	189	25.965	9	34.99	142	34.020	1	60.54	77
	20	8.851	51	45.20	55	55.904	100	57.97	175	25.956	73	36.41	132	34.021	54	61.31	74
	30	8.800	93	44.65	43	55.804	169	59.72	154	25.883	131	37.73	118	33.967	104	62.05	68
Febr.	9	8.707	128	44.22	32	55.635	229	61.26	126	25.752	181	38.91	97	33.863	147	62.73	59
	19	8.579	156	43.90	20	55.406	276	62.52	94	25.571	220	39.88	74	33.716	181	63.32	45
	29	8.423	175	43.70	8	55.130	306	63.46	58	25.351	247	40.62	46	33.535	204	63.77	30
März	10	8.248	182	43.62	1	54.824	320	64.04	20	25.104	258	41.08	17	33.331	214	64.07	13
	20	8.066	180	43.63	12	54.504	315	64.24	18	24.846	255	41.25	11	33.117	212	64.20	3
	30	7.886	167	43.75	23	54.189	295	64.06	53	24.591	238	41.14	39	32.905	197	64.17	20
Apr.	9	7.719	145	43.98	33	53.894	260	63.53	86	24.353	208	40.75	64	32.708	172	63.97	33
	19	7.574	115	44.31	44	53.634	211	62.67	115	24.145	167	40.11	84	32.536	137	63.64	44
	29	7.459	80	44.75	56	53.423	152	61.52	137	23.978	118	39.27	101	32.399	95	63.20	53
Mai	9	7.379	40	45.31	68	53.271	88	60.15	155	23.860	64	38.26	113	32.304	49	62.67	57
	19	7.339	2	45.99	79	53.183	19	58.60	165	23.796	6	37.13	120	32.255	1	62.10	59
	29	7.341	44	46.78	89	53.164	52	56.95	170	23.790	53	35.93	122	32.256	50	61.51	57
Juni	8	7.385	85	47.67	98	53.216	121	55.25	169	23.843	110	34.71	120	32.306	99	60.94	53
	18	7.470	123	48.65	105	53.337	186	53.56	164	23.953	164	33.51	114	32.405	145	60.41	47
	28	7.593	159	49.70	109	53.523	247	51.92	154	24.117	213	32.37	105	32.550	187	59.94	40
Juli	8	7.752	191	50.79	110	53.770	301	50.38	140	24.330	258	31.32	94	32.737	224	59.54	32
	18	7.943	217	51.89	107	54.071	348	48.98	123	24.588	297	30.38	81	32.961	256	59.22	24
	28	8.160	240	52.96	101	54.419	388	47.75	103	24.885	329	29.57	66	33.217	284	58.98	16
Aug.	7	8.400	259	53.97	90	54.807	422	46.72	83	25.214	355	28.91	51	33.501	305	58.82	8
	17	8.659	272	54.87	75	55.229	447	45.89	60	25.569	376	28.40	36	33.806	322	58.74	3
	27	8.931	282	55.62	57	55.676	466	45.29	38	25.945	390	28.04	20	34.128	334	58.71	2
Sept.	6	9.213	288	56.19	38	56.142	478	44.91	14	26.335	400	27.84	5	34.462	342	58.73	7
	16	9.501	290	56.57	15	56.620	483	44.77	10	26.735	405	27.79	11	34.804	346	58.80	10
	26	9.791	290	56.72	8	57.103	483	44.87	34	27.140	403	27.90	26	35.150	345	58.90	15
Okt.	6	10.081	285	56.64	30	57.586	475	45.21	59	27.543	398	28.16	41	35.495	341	59.05	18
	16	10.366	276	56.34	51	58.061	459	45.80	82	27.941	386	28.57	58	35.836	332	59.23	23
	26	10.642	264	55.83	68	58.520	437	46.62	106	28.327	369	29.15	74	36.168	317	59.46	29
Nov.	5	10.906	245	55.15	81	58.957	404	47.68	130	28.696	343	29.89	90	36.485	297	59.75	36
	15	11.151	221	54.34	91	59.361	363	48.98	150	29.039	309	30.79	105	36.782	270	60.11	44
	25	11.372	193	53.43	95	59.724	312	50.48	169	29.348	269	31.84	120	37.052	235	60.55	52
Dez.	5	11.565	157	52.48	95	60.036	251	52.17	184	29.617	219	33.04	132	37.287	195	61.07	61
	15	11.722	117	51.53	90	60.287	182	54.01	193	29.836	163	34.36	141	37.482	147	61.68	69
	24	[19] 11.839	72	50.63	84	[20] 60.469	108	55.94	198	[20] 29.999	101	35.77	146	[20] 37.629	95	62.37	75
	34	11.911		49.79		60.577		57.92		30.100		37.23		37.724		63.12	
Mittl. Ort		8.331		53.89		54.878		58.37		25.179		38.34		33.408		65.34	
sec δ, tg δ		1.008		+0.130		1.713		+1.391		1.413		+0.998		1.194		+0.653	
a, a'		+3.2		+0.7		+4.9		+0.4		+4.4		+0.4		+3.9		+0.3	
b, b'		0.00		−1.00		0.00		−1.00		0.00		−1.00		0.00		−1.00	

Tag		229) η Columbae AR.		229) η Columbae Dekl.		232) ν Orionis AR.		232) ν Orionis Dekl.	
1944		$5^h\ 57^m$		$-42°\ 48'$		$6^h\ 4^m$		$+14°\ 46'$	
Jan.	0	27.193	24	72.07	304	22.878	57	30.03	37
	10	27.169	82	75.11	278	22.935	8	29.66	29
	20	27.087	137	77.89	244	22.943	39	29.37	19
	30	26.950	186	80.33	205	22.904	84	29.18	12
Febr.	9	26.764	228	82.38	160	22.820	123	29.06	5
	19	26.536	260	83.98	113	22.697	153	29.01	0
	29	26.276	280	85.11	64	22.544	174	29.01	4
März	10	25.996	290	85.75	15	22.370	184	29.05	7
	20	25.706	287	85.90	35	22.186	184	29.12	9
	30	25.419	274	85.55	83	22.002	173	29.21	13
Apr.	9	25.145	250	84.72	128	21.829	151	29.34	16
	19	24.895	217	83.44	171	21.678	123	29.50	20
	29	24.678	177	81.73	211	21.555	88	29.70	25
Mai	9	24.501	131	79.62	246	21.467	48	29.95	31
	19	24.370	81	77.16	274	21.419	6	30.26	39
	29	24.289	29	74.42	296	21.413	37	30.65	45
Juni	8	24.260	23	71.46	313	21.450	79	31.10	53
	18	24.283	75	68.33	320	21.529	119	31.63	59
	28	24.358	124	65.13	319	21.648	155	32.22	63
Juli	8	24.482	171	61.94	310	21.803	188	32.85	65
	18	24.653	214	58.84	290	21.991	216	33.50	65
	28	24.867	251	55.94	264	22.207	240	34.15	63
Aug.	7	25.118	283	53.30	227	22.447	260	34.78	57
	17	25.401	309	51.03	183	22.707	275	35.35	48
	27	25.710	329	49.20	133	22.982	287	35.83	37
Sept.	6	26.039	342	47.87	77	23.269	296	36.20	23
	16	26.381	348	47.10	17	23.565	299	36.43	8
	26	26.729	348	46.93	44	23.864	301	36.51	7
Okt.	6	27.077	338	47.37	103	24.165	297	36.44	22
	16	27.415	323	48.40	160	24.462	291	36.22	34
	26	27.738	299	50.00	211	24.753	280	35.88	46
Nov.	5	28.037	266	52.11	255	25.033	263	35.42	54
	15	28.303	228	54.66	288	25.296	240	34.88	57
	25	28.531	182	57.54	311	25.536	211	34.31	58
Dez.	5	28.713	130	60.65	324	25.747	176	33.73	55
	15	$_{20}$28.843	73	63.89	324	$_{22}$25.923	136	33.18	50
	24	28.916	16	67.13	314	26.059	91	32.68	41
	34	28.932		70.27		26.150		32.27	
Mittl. Ort		25.856		62.59		22.398		36.74	
sec δ, tg δ		1.363		−0.927		1.034		+0.264	
a, *a'*		+1.8		+0.2		+3.4		−0.4	
b, *b'*		0.00		−1.00		0.00		−1.00	

Tag		1168) κ Aurigae AR.		1168) κ Aurigae Dekl.		234) 22 H. Camelop. AR.		234) 22 H. Camelop. Dekl.	
1944		$6^h\ 11^m$		$+29°\ 31'$		$6^h\ 12^m$		$+69°\ 20'$	
Jan.	0	49.065	73	8.08	51	42.72	8	30.12	268
	10	49.138	17	8.59	56	42.80	4	32.80	262
	20	49.155	36	9.15	59	42.76	17	35.42	246
	30	49.119	86	9.74	56	42.59	28	37.88	219
Febr.	9	49.033	130	10.30	52	42.31	38	40.07	186
	19	48.903	166	10.82	43	41.93	47	41.93	144
	29	48.737	191	11.25	32	41.46	52	43.37	98
März	10	48.546	204	11.57	20	40.94	55	44.35	48
	20	48.342	204	11.77	8	40.39	55	44.83	2
	30	48.138	193	11.85	6	39.84	52	44.81	51
Apr.	9	47.945	172	11.79	17	39.32	48	44.30	96
	19	47.773	140	11.62	26	38.84	42	43.34	138
	29	47.633	102	11.36	33	38.42	32	41.96	173
Mai	9	47.531	59	11.03	38	38.10	23	40.23	201
	19	47.472	13	10.65	39	37.87	12	38.22	222
	29	47.459	34	10.26	38	37.75	1	36.00	235
Juni	8	47.493	81	9.88	36	37.74	11	33.65	240
	18	47.574	125	9.52	31	37.85	21	31.25	239
	28	47.699	165	9.21	26	38.06	31	28.86	231
Juli	8	47.864	202	8.95	21	38.37	41	26.55	218
	18	48.066	235	8.74	16	38.78	49	24.37	199
	28	48.301	261	8.58	11	39.27	57	22.38	177
Aug.	7	48.562	285	8.47	8	39.84	63	20.61	150
	17	48.847	302	8.39	5	40.47	69	19.11	120
	27	49.149	316	8.34	4	41.16	72	17.91	89
Sept.	6	49.465	327	8.30	3	41.88	76	17.02	54
	16	49.792	332	8.27	4	42.64	77	16.48	19
	26	50.124	335	8.23	3	43.41	78	16.29	17
Okt.	6	50.459	334	8.20	3	44.19	76	16.46	54
	16	50.793	327	8.17	2	44.95	75	17.00	91
	26	51.120	315	8.15	2	45.70	71	17.91	127
Nov.	5	51.435	298	8.17	7	46.41	66	19.18	162
	15	51.733	274	8.24	13	47.07	60	20.80	194
	25	52.007	243	8.37	22	47.67	50	22.74	223
Dez.	5	52.250	205	8.59	31	48.17	41	24.97	245
	15	$_{24}$52.455	159	8.90	40	$_{24}$48.58	30	27.42	261
	24	52.614	110	9.30	48	48.88	17	30.03	270
	34	52.724		9.78		49.05		32.73	
Mittl. Ort		48.541		14.16		40.70		34.66	
sec δ, tg δ		1.149		+ 0.566		2.835		+2.652	
a, *a'*		+3.8		− 1.0		+6.6		−1.1	
b, *b'*		0.00		− 1.00		−0.01		−1.00	

Tag		240) ζ Canis maj. AR.		240) Dekl.		241) μ Geminorum AR.		241) Dekl.		243) β Canis maj. AR.		243) Dekl.		242) ψ¹ Aurigae AR.		242) Dekl.	
1944		6h 18m		−30° 2′		6h 19m		+22° 32′		6h 20m		−17° 55′		6h 20m		+49° 18′	
Jan.	0	10.697 s	27	21.86″	275	34.811 s	77	32.51″	7	14.682 s	45	43.98″	223	35.966 s	94	62.02″	169
	10	10.724	25	24.61	253	34.888	25	32.58	15	14.727	4	46.21	205	36.060	21	63.71	169
	20	10.699	76	27.14	225	34.913	26	32.73	22	14.723	51	48.26	182	36.081	50	65.40	163
	30	10.623	123	29.39	193	34.887	74	32.95	26	14.672	95	50.08	153	36.031	116	67.03	150
Febr.	9	10.500	163	31.32	155	34.813	117	33.21	28	14.577	135	51.61	123	35.915	176	68.53	131
	19	10.337	195	32.87	115	34.696	152	33.49	26	14.442	166	52.84	89	35.739	224	69.84	106
	29	10.142	218	34.02	73	34.544	177	33.75	23	14.276	187	53.73	57	35.515	258	70.90	76
März	10	9.924	231	34.75	31	34.367	190	33.98	18	14.089	200	54.30	22	35.257	278	71.66	44
	20	9.693	232	35.06	12	34.177	191	34.16	12	13.889	202	54.52	12	34.979	281	72.10	12
	30	9.461	223	34.94	53	33.986	183	34.28	8	13.687	193	54.40	44	34.698	269	72.22	21
Apr.	9	9.238	205	34.41	94	33.803	164	34.36	2	13.494	176	53.96	77	34.429	243	72.01	52
	19	9.033	178	33.47	132	33.639	136	34.38	1	13.318	152	53.19	107	34.186	205	71.49	79
	29	8.855	146	32.15	168	33.503	100	34.37	4	13.166	120	52.12	136	33.981	157	70.70	103
Mai	9	8.709	107	30.47	199	33.403	61	34.33	4	13.046	83	50.76	162	33.824	102	69.67	121
	19	8.602	65	28.48	227	33.342	18	34.29	2	12.963	44	49.14	185	33.722	42	68.46	134
	29	8.537	21	26.21	249	33.324	26	34.27	1	12.919	4	47.29	204	33.680	19	67.12	143
Juni	8	8.516	23	23.72	267	33.350	70	34.28	4	12.915	37	45.25	218	33.699	79	65.69	146
	18	8.539	67	21.05	276	33.420	111	34.32	8	12.952	77	43.07	227	33.778	139	64.23	145
	28	8.606	108	18.29	279	33.531	149	34.40	12	13.029	115	40.80	230	33.917	194	62.78	141
Juli	8	8.714	147	15.50	273	33.680	184	34.52	15	13.144	150	38.50	226	34.111	243	61.37	132
	18	8.861	183	12.77	261	33.864	215	34.67	17	13.294	181	36.24	216	34.354	289	60.05	120
	28	9.044	215	10.16	239	34.079	241	34.84	18	13.475	208	34.08	199	34.643	327	58.85	108
Aug.	7	9.259	242	7.77	210	34.320	264	35.02	16	13.683	233	32.09	175	34.970	360	57.77	93
	17	9.501	266	5.67	173	34.584	281	35.18	13	13.916	252	30.34	144	35.330	388	56.84	77
	27	9.767	284	3.94	130	34.865	295	35.31	8	14.168	269	28.90	107	35.718	408	56.07	59
Sept.	6	10.051	298	2.64	81	35.160	306	35.39	2	14.437	280	27.83	67	36.126	424	55.48	41
	16	10.349	306	1.83	29	35.466	313	35.41	5	14.717	288	27.16	23	36.550	435	55.07	23
	26	10.655	310	1.54	25	35.779	317	35.36	13	15.005	292	26.93	23	36.985	440	54.84	3
Okt.	6	10.965	307	1.79	79	36.096	317	35.23	20	15.297	290	27.16	68	37.425	438	54.81	17
	16	11.272	299	2.58	130	36.413	312	35.03	24	15,587	285	27.84	111	37.863	431	54.98	38
	26	11.571	285	3.88	178	36.725	302	34.79	28	15 872	273	28.95	151	38.294	417	55.36	60
Nov.	5	11.856	263	5.66	218	37.027	287	34.51	29	16.145	256	30.46	184	38.711	393	55.96	82
	15	12.119	235	7.84	250	37.314	266	34.22	27	16.401	232	32.30	210	39.104	361	56.78	103
	25	12.354	200	10.34	273	37.580	237	33.95	22	16.633	201	34.40	228	39.465	319	57.81	124
Dez.	5	12.554	158	13.07	287	37.817	201	33.73	14	16.834	165	36.68	238	39.784	269	59.05	142
	15	12.712	112	15.94	289	38.018	159	33.59	7	16.999	124	39.06	238	40.053	209	60.47	156
	25	[26] 12.824	62	18.83	281	[26] 38.177	112	33.52	3	[26] 17.123	78	41.44	231	[26] 40.262	143	62.03	167
	34	12.886		21.64		38.289		33.55		17.201		43.75		40.405		63.70	
Mittl. Ort		9.725		14.20		34.321		38.95		13.947		36.59		35.156		67.64	
sec δ, tg δ		1.155		−0.578		1.083		+0.415		1.051		−0.324		1.534		+1.163	
a, a′		+2.3		−1.6		+3.6		−1.7		+2.6		−1.8		+4.6		−1.8	
b, b′		0.00		−1.00		0.00		−1.00		0.00		−1.00		−0.01		−1.00	

Tag	244) 8 ε Monocerotis				245) α Carinae				246) 10 Monocerotis				247) 8 Lyncis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	6h 20m		+4° 37′		6h 22m		−52° 39′		6h 25m		−4° 43′		6h 32m		+61° 31′	
Jan. 0	48.494 s	66	15.65″	102	44.415 s	21	58.78″	337	12.150 s	63	40.54″	158	35.86 s	12	53.33″	231
10	48.560	19	14.63	90	44.394	93	62.15	315	12.213	15	42.12	142	35.98	3	55.64	231
20	48.579	29	13.73	74	44.301	160	65.30	284	12.228	31	43.54	123	36.01	7	57.95	223
30	48.550	73	12.99	59	44.141	221	68.14	245	12.197	76	44.77	102	35.94	16	60.18	205
Febr. 9	48.477	113	12.40	43	43.920	274	70.59	202	12.121	115	45.79	79	35.78	24	62.23	180
19	48.364	144	11.97	28	43.646	315	72.61	153	12.006	147	46.58	57	35.54	31	64.03	148
29	48.220	167	11.69	13	43.331	345	74.14	102	11.859	169	47.15	33	35.23	36	65.51	109
März 10	48.053	179	11.56	0	42.986	361	75.16	50	11.690	182	47.48	11	34.87	38	66.60	67
20	47.874	181	11.56	13	42.625	365	75.66	2	11.508	185	47.59	11	34.49	40	67.27	23
30	47.693	173	11.69	26	42.260	355	75.64	54	11.323	178	47.48	33	34.09	39	67.50	20
Apr. 9	47.520	156	11.95	39	41.905	333	75.10	105	11.145	161	47.15	55	33.70	36	67.30	62
19	47.364	130	12.34	51	41.572	302	74.05	153	10.984	137	46.60	75	33.34	31	66.68	100
29	47.234	98	12.85	64	41.270	260	72.52	196	10.847	106	45.85	94	33.03	25	65.68	134
Mai 9	47.136	62	13.49	76	41.010	212	70.56	236	10.741	71	44.91	112	32.78	18	64.34	162
19	47.074	23	14.25	87	40.798	158	68.20	270	10.670	33	43.79	129	32.60	10	62.72	183
29	47.051	17	15.12	97	40.640	99	65.50	298	10.637	7	42.50	143	32.50	2	60.89	198
Juni 8	47.068	57	16.09	106	40.541	39	62.52	318	10.644	46	41.07	154	32.48	6	58.91	207
18	47.125	96	17.15	112	40.502	22	59.34	332	10.690	84	39.53	162	32.54	14	56.84	209
28	47.221	131	18.27	116	40.524	83	56.02	335	10.774	120	37.91	165	32.68	21	54.75	207
Juli 8	47.352	163	19.43	115	40.607	141	52.67	329	10.894	152	36.26	163	32.89	29	52.68	198
18	47.515	192	20.58	111	40.748	196	49.38	314	11.046	182	34.63	156	33.18	35	50.70	186
28	47.707	218	21.69	103	40.944	247	46.24	290	11.228	208	33.07	144	33.53	41	48.84	170
Aug. 7	47.925	238	22.72	91	41.191	293	43.34	256	11.436	230	31.63	127	33.94	46	47.14	149
17	48.163	256	23.63	75	41.484	331	40.78	213	11.666	248	30.36	105	34.40	50	45.65	128
27	48.419	269	24.38	55	41.815	363	38.65	162	11.914	263	29.31	78	34.90	53	44.37	102
Sept. 6	48.688	279	24.93	31	42.178	387	37.03	105	12.177	274	28.53	47	35.43	55	43.35	75
16	48.967	287	25.24	7	42.565	402	35.98	44	12.451	282	28.06	13	35.98	58	42.60	47
26	49.254	290	25.31	19	42.967	407	35.54	20	12.733	287	27.93	21	36.56	59	42.13	17
Okt. 6	49.544	290	25.12	43	43.374	404	35.74	84	13.020	286	28.14	55	37.15	59	41.96	14
16	49.834	286	24.69	67	43.778	388	36.58	146	13.306	283	28.69	87	37.74	58	42.10	47
26	50.120	276	24.02	88	44.166	364	38.04	204	13.589	274	29.56	116	38.32	56	42.57	78
Nov. 5	50.396	262	23.14	103	44.530	327	40.08	253	13.863	259	30.72	139	38.88	53	43.35	111
15	50.658	242	22.11	115	44.857	282	42.61	294	14.122	238	32.11	158	39.41	48	44.46	142
25	50.900	214	20.96	120	45.139	227	45.55	324	14.360	211	33.69	169	39.89	43	45.88	171
Dez. 5	51.114	182	19.76	121	45.366	164	48.79	343	14.571	178	35.38	174	40.32	36	47.59	195
15	51.296	142	18.55	117	45.530	97	52.22	350	14.749	139	37.12	172	40.68	28	49.54	214
25	26 51.438	98	17.38	108	27 45.627	26	55.72	344	27 14.888	95	38.84	164	29 40.96	19	51.68	228
34	51.536		16.30		45.653		59.16		14.983		40.48		41.15		53.96	
Mittl. Ort	47.982		22.58		42.475		51.47		11.572		33.56		34.58		59.19	
sec δ, tg δ	1.003		+0.081		1.649		−1.311		1.003		−0.083		2.098		+1.844	
a, *a′*	+3.2		−1.8		+1.3		−2.0		+3.0		−2.2		+5.5		−2.8	
b, *b′*	0.00		−1.00		+0.01		−1.00		0.00		−0.99		−0.02		−0.99	

Tag	249) ξ² Canis maj. AR.		Dekl.		251) γ Geminorum AR.		Dekl.		250) 51 Aurigae AR.		Dekl.		252) ν Puppis AR.		Dekl.	
1944	6h 32m		−22° 54′		6h 34m		+16° 26′		6h 34m		+39° 26′		6h 36m		−43° 8′	
Jan. 0	43.310 s	52	75.68″	251	29.083 s	88	49.07″	34	47.344 s	106	25.62″	109	4.212 s	24	51.10″	323
10	43.362	2	78.19	233	29.171	38	48.73	22	47.450	43	26.71	114	4.236	37	54.33	304
20	43.364	48	80.52	209	29.209	12	48.51	12	47.493	18	27.85	116	4.199	97	57.37	276
30	43.316	95	82.61	179	29.197	60	48.39	3	47.475	77	29.01	111	4.102	152	60.13	242
Febr. 9	43.221	135	84.40	145	29.137	104	48.36	5	47.398	130	30.12	102	3.950	200	62.55	201
19	43.086	169	85.85	111	29.033	139	48.41	11	47.268	174	31.14	87	3.750	238	64.56	156
29	42.917	194	86.96	73	28.894	165	48.52	14	47.094	207	32.01	68	3.512	267	66.12	109
März 10	42.723	207	87.69	36	28.729	180	48.66	16	46.887	225	32.69	47	3.245	285	67.21	61
20	42.516	212	88.05	2	28.549	185	48.82	17	46.662	232	33.16	24	2.960	290	67.82	11
30	42.304	205	88.03	38	28.364	178	48.99	18	46.430	225	33.40	1	2.670	284	67.93	38
Apr. 9	42.099	190	87.65	75	28.186	163	49.17	19	46.205	205	33.41	22	2.386	267	67.55	85
19	41.909	167	86.90	108	28.023	138	49.36	20	46.000	175	33.19	42	2.119	241	66.70	130
29	41.742	136	85.82	141	27.885	106	49.56	22	45.825	137	32.77	59	1.878	208	65.40	173
Mai 9	41.606	101	84.41	170	27.779	69	49.78	24	45.688	91	32.18	74	1.670	168	63.67	211
19	41.505	63	82.71	196	27.710	30	50.02	29	45.597	42	31.44	83	1.502	123	61.56	245
29	41.442	22	80.75	217	27.680	11	50.31	32	45.555	9	30.61	91	1.379	74	59.11	272
Juni 8	41.420	20	78.58	233	27.691	53	50.63	37	45.564	60	29.70	94	1.305	24	56.39	294
18	41.440	60	76.25	245	27.744	91	51.00	40	45.624	109	28.76	94	1.281	27	53.45	309
28	41.500	99	73.80	248	27.835	129	51.40	43	45.733	156	27.82	92	1.308	75	50.36	314
Juli 8	41.599	135	71.32	245	27.964	163	51.83	44	45.889	198	26.90	87	1.383	124	47.22	310
18	41.734	169	68.87	236	28.127	193	52.27	44	46.087	236	26.03	82	1.507	169	44.12	299
28	41.903	199	66.51	217	28.320	220	52.71	40	46.323	270	25.21	75	1.676	210	41.13	278
Aug. 7	42.102	226	64.34	193	28.540	243	53.11	35	46.593	299	24.46	66	1.886	248	38.35	247
17	42.328	248	62.41	170	28.783	261	53.46	26	46.892	322	23.80	59	2.134	280	35.88	208
27	42.576	266	60.81	122	29.044	277	53.72	16	47.214	342	23.21	51	2.414	307	33.80	162
Sept. 6	42.842	281	59.59	79	29.321	290	53.88	4	47.556	358	22.70	42	2.721	329	32.18	109
16	43.123	292	58.80	31	29.611	299	53.92	10	47.914	368	22.28	33	3.050	344	31.09	51
26	43.415	298	58.49	18	29.910	305	53.82	24	48.282	376	21.95	24	3.394	351	30.58	10
Okt. 6	43.713	298	58.67	67	30.215	306	53.58	36	48.658	378	21.71	12	3.745	352	30.68	71
16	44.011	294	59.34	115	30.521	305	53.22	48	49.036	375	21.59	0	4.097	345	31.39	130
26	44.305	284	60.49	158	30.826	298	52.74	58	49.411	367	21.59	13	4.442	328	32.69	186
Nov. 5	44.589	267	62.07	196	31.124	285	52.16	63	49.778	350	21.72	28	4.770	304	34.55	234
15	44.856	243	64.03	226	31.409	266	51.53	64	50.128	326	22.00	44	5.074	270	36.89	275
25	45.099	213	66.29	248	31.675	241	50.89	63	50.454	293	22.44	60	5.344	228	39.64	305
Dez. 5	45.312	175	68.77	260	31.916	207	50.26	58	50.747	252	23.04	77	5.572	179	42.69	325
15	45.487	133	71.37	264	32.123	167	49.68	50	50.999	203	23.81	92	5.751	123	45.94	333
25	[19] 45.620	85	74.01	258	[30] 32.290	122	49.18	40	[30] 51.202	148	24.73	104	[30] 5.874	65	49.27	329
34	45.705		76.59		32.412		48.78		51.350		25.77		5.939		52.56	
Mittl. Ort	42.478		69.00		28.605		55.68		46.741		31.98		2.775		44.90	
sec δ, tg δ	1.086		−0.423		1.043		+0.295		1.295		+0.823		1.371		−0.937	
a, a′	+2.5		−2.9		+3.5		−3.0		+4.2		−3.0		+1.8		−3.1	
b, b′	0.00		−0.99		0.00		−0.99		−0.01		−0.99		+0.01		−0.99	

Scheinbare Sternörter 1944

Tag	248) 23 H. Camelop. AR.	Diff.	248) Dekl.	Diff.	254) ε Geminorum AR.	Diff.	254) Dekl.	Diff.	256) ξ Geminorum AR.	Diff.	256) Dekl.	Diff.	257) α Canis maj.[1] AR.	Diff.	257) Dekl.	Diff.
1944	$6^h\ 36^m$		$+79°37'$		$6^h\ 40^m$		$+25°\ 11'$		$6^h\ 42^m$		$+12°57'$		$6^h\ 42^m$		$-16°38'$	
Jan. 0*)	47.32	22	43.54	306	[1] 29.698	101	11.60	19	9.240	93	20.89	58	41.649	63	22.92	227
10	47.54	—4	46.60	303	29.799	47	11.79	30	[2] 9.333	44	20.31	46	[2] 41.712	14	25.19	210
20	47.50	28	49.63	290	29.846	—6	12.09	37	9.377	—7	19.85	33	41.726	—34	27.29	186
30	47.22	52	52.53	265	29.840	58	12.46	43	9.370	55	19.52	20	41.692	80	29.15	160
Febr. 9	46.70	71	55.18	231	29.782	104	12.89	44	9.315	97	19.32	10	41.612	122	30.75	129
19	45.99	89	57.49	188	29.678	142	13.33	42	9.218	133	19.22	1	41.490	155	32.04	98
29	45.10	102	59.37	138	29.536	171	13.75	38	9.085	160	19.21	—6	41.335	180	33.02	66
März 10	44.08	109	60.75	84	29.365	189	14.13	32	8.925	176	19.27	13	41.155	195	33.68	32
20	42.99	112	61.59	27	29.176	195	14.45	23	8.749	182	19.40	17	40.960	200	34.00	0
30	41.87	110	61.86	—30	28.981	190	14.68	15	8.567	177	19.57	21	40.760	194	34.00	33
Apr. 9	40.77	104	61.56	84	28.791	173	14.83	6	8.390	163	19.78	25	40.566	180	33.67	63
19	39.73	93	60.72	134	28.618	149	14.89	—1	8.227	139	20.03	29	40.386	158	33.04	93
29	38.80	78	59.38	178	28.469	116	14.88	7	8.088	110	20.32	35	40.228	128	32.11	121
Mai 9	38.02	61	57.60	215	28.353	77	14.81	11	7.978	75	20.67	39	40.100	95	30.90	147
19	37.41	42	55.45	244	28.276	36	14.70	14	7.903	36	21.06	44	40.005	57	29.43	169
29	36.99	22	53.01	266	28.240	—7	14.56	14	7.867	—3	21.50	50	39.948	18	27.74	187
Juni 8	36.77	1	50.35	278	28.247	50	14.42	14	7.870	44	22.00	55	39.930	—21	25.87	202
18	36.76	—21	47.57	283	28.297	92	14.28	12	7.914	82	22.55	58	39.951	60	23.85	212
28	36.97	41	44.74	281	28.389	132	14.16	11	7.996	118	23.13	60	40.011	98	21.73	215
Juli 8	37.38	61	41.93	272	28.521	168	14.05	9	8.114	152	23.73	61	40.109	132	19.58	213
18	37.99	79	39.21	255	28.689	200	13.96	7	8.266	182	24.34	59	40.241	164	17.45	205
28	38.78	94	36.66	233	28.889	229	13.89	7	8.448	209	24.93	54	40.405	193	15.40	189
Aug. 7	39.72	110	34.33	207	29.118	253	13.82	8	8.657	232	25.47	46	40.598	218	13.51	166
17	40.82	122	32.26	176	29.371	274	13.74	11	8.889	252	25.93	36	40.816	239	11.85	138
27	42.04	131	30.50	140	29.645	292	13.63	14	9.141	268	26.29	22	41.055	258	10.47	104
Sept. 6	43.35	140	29.10	103	29.937	305	13.49	19	9.409	281	26.51	6	41.313	272	9.43	64
16	44.75	145	28.07	63	30.242	316	13.30	24	9.690	292	26.57	—10	41.585	282	8.79	22
26	46.20	148	27.44	19	30.558	323	13.06	28	9.982	298	26.47	27	41.867	289	8.57	—23
Okt. 6	47.68	147	27.25	—25	30.881	326	12.78	32	10.280	302	26.20	45	42.156	292	8.80	68
16	49.15	145	27.50	69	31.207	325	12.46	35	10.582	301	25.75	59	42.448	288	9.48	110
26	50.60	139	28.19	113	31.532	319	12.11	35	10.883	296	25.16	72	42.736	280	10.58	149
Nov. 5	51.99	130	29.32	157	31.851	307	11.76	32	11.179	284	24.44	80	43.016	266	12.07	183
15	53.29	117	30.89	198	32.158	287	11.44	27	11.463	266	23.64	86	43.282	244	13.90	210
25	54.46	102	32.87	234	32.445	260	11.17	20	11.729	241	22.78	86	43.526	217	16.00	228
Dez. 5	55.48	83	35.21	265	32.705	226	10.97	9	11.970	209	21.92	82	43.743	182	18.28	238
15	56.31	61	37.86	288	32.931	184	10.88	—2	12.179	171	21.10	74	43.925	141	20.66	241
25	56.92	38	40.74	302	[31] 33.115	137	10.90	13	[32] 12.350	127	20.36	65	[32] 44.066	95	23.07	234
34	[30] 57.30		43.76		33.252		11.03		12.477		19.71		44.161		25.41	
Mittl. Ort	42.86		49.23		29.212		18.20		8.761		27.47		40.921		16.49	
sec δ, tg δ	5.555		+5.465		1.105		+0.470		1.026		+0.230		1.044		−0.299	
a, a′	+10.3		−3.2		+3.7		−3.5		+3.4		−3.7		+2.7		−3.7	
b, b′	− 0.06		−0.99		−0.01		−0.98		0.00		−0.98		0.00		−0.98	

[1]) Ort des Hauptsterns; die jährliche Parallaxe (0″377) ist bereits berücksichtigt.

*) Bei Stern 254), 256) und 257) lies Jan. 1.

Tag	1177) 16 Monocerotis AR.		Dekl.		258) 18 Monocerotis AR.		Dekl.		262) α Pictoris AR.		Dekl.		261) ϑ Geminorum AR.		Dekl.	
1944	$6^h\ 43^m$		$+8°\ 38'$		$6^h\ 44^m$		$+2°\ 28'$		$6^h\ 47^m$		$-61°\ 52'$		$6^h\ 49^m$		$+34°\ 1'$	
	s		"		s		"		s		"		s		"	
Jan. 1	29.624	91	46.48	84	56.925	88	23.59	123	39.88	1	55.53	357	6.471	119	43.77	73
10	^{2}29.715	43	45.64	71	^{2}57.013	39	22.36	107	^{3}39.87	11	59.10	341	^{3}6.590	60	44.50	82
20	29.758	$\overline{7}$	44.93	57	57.052	$\overline{9}$	21.29	91	39.76	20	62.51	315	6.650	1	45.32	88
30	29.751	54	44.36	42	57.043	55	20.38	74	39.56	27	65.66	280	6.651	$\overline{56}$	46.20	89
Febr. 9	29.697	97	43.94	29	56.988	97	19.64	55	39.29	35	68.46	239	6.595	107	47.09	86
19	29.600	131	43.65	15	56.891	132	19.09	38	38.94	40	70.85	192	6.488	150	47.95	77
29	29.469	158	43.50	5	56.759	158	18.71	20	38.54	44	72.77	143	6.338	183	48.72	65
März 10	29.311	174	43.45	$\overline{6}$	56.601	174	18.51	4	38.10	48	74.20	90	6.155	204	49.37	50
20	29.137	180	43.51	15	56.427	180	18.47	$\overline{11}$	37.62	48	75.10	36	5.951	213	49.87	33
30	28.957	176	43.66	24	56.247	176	18.58	25	37.14	48	75.46	$\overline{17}$	5.738	209	50.20	15
Apr. 9	28.781	161	43.90	32	56.071	162	18.83	40	36.66	47	75.29	70	5.529	193	50.35	$\overline{2}$
19	28.620	139	44.22	41	55.909	140	19.23	54	36.19	43	74.59	122	5.336	168	50.33	19
29	28.481	110	44.63	48	55.769	112	19.77	68	35.76	39	73.37	169	5.168	134	50.14	34
Mai 9	28.371	76	45.11	57	55.657	79	20.45	80	35.37	33	71.68	213	5.034	93	49.80	45
19	28.295	38	45.68	64	55.578	42	21.25	92	35.04	27	69.55	252	4.941	50	49.35	54
29	28.257	$\overline{1}$	46.32	72	55.536	4	22.17	102	34.77	21	67.03	286	4.891	3	48.81	61
Juni 8	28.258	40	47.04	79	55.532	$\overline{35}$	23.19	111	34.56	13	64.17	311	4.888	$\overline{44}$	48.20	64
18	28.298	78	47.83	83	55.567	72	24.30	117	34.43	6	61.06	330	4.932	89	47.56	65
28	28.376	113	48.66	86	55.639	108	25.47	121	34.37	$\overline{2}$	57.76	339	5.021	133	46.91	66
Juli 8	28.489	147	49.52	85	55.747	140	26.68	119	34.39	9	54.37	340	5.154	172	46.25	63
18	28.636	177	50.37	83	55.887	170	27.87	115	34.48	18	50.97	329	5.326	208	45.62	60
28	28.813	203	51.20	75	56.057	196	29.02	106	34.66	24	47.68	310	5.534	240	45.02	58
Aug. 7	29.016	227	51.95	66	56.253	220	30.08	93	34.90	31	44.58	280	5.774	269	44.44	55
17	29.243	246	52.61	52	56.473	240	31.01	75	35.21	37	41.78	241	6.043	292	43.89	51
27	29.489	262	53.13	36	56.713	257	31.76	54	35.58	42	39.37	193	6.335	312	43.38	49
Sept. 6	29.751	276	53.49	16	56.970	270	32.30	30	36.00	45	37.44	138	6.647	328	42.89	45
16	30.027	286	53.65	$\overline{5}$	57.240	281	32.60	3	36.45	49	36.06	77	6.975	342	42.44	42
26	30.313	294	53.60	26	57.521	288	32.63	$\overline{24}$	36.94	50	35.29	12	7.317	351	42.02	38
Okt. 6	30.607	297	53.34	48	57.809	292	32.39	52	37.44	51	35.17	$\overline{55}$	7.668	355	41.64	33
16	30.904	296	52.86	67	58.101	292	31.87	77	37.95	49	35.72	120	8.023	356	41.31	26
26	31.200	291	52.19	83	58.393	286	31.10	101	38.44	47	36.92	181	8.379	350	41.05	17
Nov. 5	31.491	280	51.36	97	58.679	274	30.09	119	38.91	42	38.73	237	8.729	338	40.88	6
15	31.771	262	50.39	105	58.953	257	28.90	131	39.33	37	41.10	284	9.067	318	40.82	$\overline{7}$
25	32.033	237	49.34	108	59.210	233	27.59	140	39.70	30	43.94	320	9.385	290	40.89	21
Dez. 5	32.270	206	48.26	106	59.443	201	26.19	141	40.00	22	47.14	346	9.675	253	41.10	37
15	32.476	167	47.20	101	59.644	163	24.78	138	40.22	13	50.60	360	9.928	208	41.47	52
25	^{32}32.643	124	46.19	91	^{32}59.807	120	23.40	128	^{33}40.35	5	54.20	361	^{34}10.136	157	41.99	66
34	32.767		45.28		59.927		22.12		40.40		57.81		10.293		42.65	
Mittl. Ort	29.132		53.01		56.402		30.01		37.01		50.93		5.945		50.52	
sec δ, tg δ	1.011		+0.152		1.001		+0.043		2.122		−1.871		1.207		+0.675	
a, a′	+3.3		−3.8		+3.1		−3.9		+0.6		−4.1		+4.0		−4.3	
b, b′	0.00		−0.98		0.00		−0.98		+0.03		−0.98		−0.01		−0.98	

Scheinbare Sternörter 1944

Tag	266) ϑ Canis maj. AR.		266) ϑ Canis maj. Dekl.		260) 24 H. Camelop. AR.		260) 24 H. Camelop. Dekl.		268) ε Canis maj. AR.		268) ε Canis maj. Dekl.		269) ζ Geminorum AR.		269) ζ Geminorum Dekl.	
1944	$6^h\ 51^m$		$-11°57'$		$6^h\ 51^m$		$+77°\ 2'$		$6^h\ 56^m$		$-28°53'$		$7^h\ 0^m$		$+20°39'$	
Jan. 1	$35\overset{s}{.}893$	82	$67\overset{''}{.}44$	205	$59\overset{s}{.}07$	25	$64\overset{''}{.}42$	296	$26\overset{s}{.}421$	70	$45\overset{''}{.}84$	284	$47\overset{s}{.}732$	118	$8\overset{''}{.}43$	15
10	$^{4}35.975$	33	69.49	189	$^{4}59.32$	6	67.38	297	$^{5}26.491$	17	48.68	268	$^{6}47.850$	67	8.28	1
20	36.008	16	71.38	169	59.38	15	70.35	289	26.508	36	51.36	245	47.917	13	8.27	11
30	35.992	63	73.07	144	59.23	34	73.24	270	26.472	86	53.81	216	47.930	38	8.38	20
Febr. 9	35.929	104	74.51	117	58.89	51	75.94	240	26.386	131	55.97	181	47.892	85	8.58	27
19	35.825	140	75.68	89	58.38	66	78.34	201	26.255	169	57.78	144	47.807	125	8.85	32
29	35.685	166	76.57	61	57.72	77	80.35	155	26.086	198	59.22	104	47.682	155	9.17	33
März 10	35.519	183	77.18	31	56.95	85	81.90	103	25.888	216	60.26	64	47.527	176	9.50	32
20	35.336	190	77.49	2	56.10	89	82.93	49	25.672	225	60.90	22	47.351	186	9.82	29
30	35.146	187	77.51	26	55.21	88	83.42	6	25.447	222	61.12	20	47.165	184	10.11	25
Apr. 9	34.959	175	77.25	53	54.33	83	83.36	60	25.225	211	60.92	59	46.981	172	10.36	21
19	34.784	154	76.72	79	53.50	76	82.76	110	25.014	191	60.33	98	46.809	151	10.57	17
29	34.630	128	75.93	104	52.74	65	81.66	155	24.823	163	59.35	134	46.658	122	10.74	13
Mai 9	34.502	95	74.89	127	52.09	52	80.11	194	24.660	130	58.01	168	46.536	88	10.87	12
19	34.407	60	73.62	148	51.57	37	78.17	226	24.530	94	56.33	198	46.448	51	10.99	10
29	34.347	22	72.14	166	51.20	21	75.91	249	24.436	53	54.35	223	46.397	10	11.09	9
Juni 8	34.325	16	70.48	179	50.99	5	73.42	266	24.383	12	52.12	244	46.387	30	11.18	9
18	34.341	53	68.69	189	50.94	12	70.76	275	24.371	29	49.68	257	46.417	70	11.27	10
28	34.394	90	66.80	194	51.06	29	68.01	275	24.400	69	47.11	265	46.487	107	11.37	11
Juli 8	34.484	123	64.86	192	51.35	45	65.26	270	24.469	108	44.46	265	46.594	143	11.48	10
18	34.607	155	62.94	186	51.80	59	62.56	257	24.577	145	41.81	256	46.737	174	11.58	8
28	34.762	184	61.08	173	52.39	73	59.99	240	24.722	179	39.25	241	46.911	204	11.66	6
Aug. 7	34.946	209	59.35	154	53.12	85	57.59	216	24.901	209	36.84	216	47.115	229	11.72	1
17	35.155	230	57.81	128	53.97	95	55.43	189	25.110	236	34.68	184	47.344	251	11.73	5
27	35.385	250	56.53	97	54.92	104	53.54	157	25.346	261	32.84	145	47.595	270	11.68	13
Sept. 6	35.635	265	55.56	62	55.96	111	51.97	122	25.607	280	31.39	99	47.865	287	11.55	22
16	35.900	278	54.94	24	57.07	116	50.75	84	25.887	295	30.40	50	48.152	300	11.33	32
26	36.178	287	54.70	17	58.23	119	49.91	44	26.182	306	29.90	3	48.452	310	11.01	41
Okt. 6	36.465	291	54.87	58	59.42	120	49.47	1	26.488	311	29.93	56	48.762	317	10.60	51
16	36.756	291	55.45	97	60.62	119	49.46	43	26.799	311	30.49	109	49.079	319	10.09	58
26	37.047	285	56.42	134	61.81	116	49.89	87	27.110	303	31.58	158	49.398	316	9.51	62
Nov. 5	37.332	273	57.76	164	62.97	109	50.76	130	27.413	288	33.16	202	49.714	307	8.89	63
15	37.605	255	59.40	188	64.06	100	52.06	172	27.701	266	35.18	238	50.021	292	8.26	62
25	37.860	230	61.28	206	65.06	89	53.78	211	27.967	236	37.56	265	50.313	268	7.64	55
Dez. 5	38.090	197	63.34	216	65.95	74	55.89	244	28.203	199	40.21	284	50.581	237	7.09	47
15	38.287	158	65.50	217	66.69	58	58.33	270	28.402	154	43.05	291	50.818	199	6.62	35
25	$^{34}38.445$	114	67.67	211	$^{34}67.27$	39	61.03	290	28.556	106	45.96	290	51.017	153	6.27	22
34*)	38.559		69.78		67.66		63.93		$_{35}28.662$		48.86		51.170		6.05	
Mittl. Ort	35.231		61.58		55.74		71.06		25.446		40.87		47.275		15.09	
sec δ, tg δ	1.022		−0.212		4.463		+4.350		1.142		−0.552		1.069		+0.377	
a, *a'*	+2.8		−4.5		+8.7		−4.5		+2.4		−4.9		+3.6		− 5.3	
b, *b'*	0.00		−0.97		−0.07		−0.97		+0.01		−0.97		−0.01		− 0.97	

*) Bei Stern 268) und 269) lies Dez. 35.

Tag	271) γ Canis maj. AR.	Δ	Dekl.	Δ	273) δ Canis maj. AR.	Δ	Dekl.	Δ	274) 63 Aurigae AR.	Δ	Dekl.	Δ	277) λ Geminorum AR.	Δ	Dekl.	Δ
1944	7h 1m		−15° 32′		7h 6m		−26° 18′		7h 7m		+39° 24′		7h 14m		+16° 38′	
Jan. 1	$_6$14.153	89	62.25	226	$_8$7.715	84	15.44	277	$_8$48.893	147	42.55	101	$_{10}$52.948	129	28.59	45
10	14.242	39	64.51	210	7.799	31	18.21	262	49.040	85	43.56	113	53.077	78	28.14	29
20	14.281	—11	66.61	190	7.830	—22	20.83	240	49.125	22	44.69	120	53.155	26	27.85	15
30	14.270	59	68.51	165	7.808	71	23.23	212	49.147	—41	45.89	121	53.181	—25	27.70	2
Febr. 9	14.211	102	70.16	136	7.737	117	25.35	179	49.106	98	47.10	117	53.156	72	27.68	—9
19	14.109	138	71.52	105	7.620	156	27.14	143	49.008	147	48.27	107	53.084	113	27.77	18
29	13.971	166	72.57	75	7.464	185	28.57	106	48.861	186	49.34	92	52.971	145	27.95	24
März 10	13.805	185	73.32	43	7.279	205	29.63	67	48.675	212	50.26	73	52.826	167	28.19	27
20	13.620	193	73.75	11	7.074	215	30.30	27	48.463	226	50.99	51	52.659	178	28.46	29
30	13.427	192	73.86	—20	6.859	215	30.57	—12	48.237	225	51.50	28	52.481	180	28.75	29
Apr. 9	13.235	181	73.66	51	6.644	204	30.45	50	48.012	214	51.78	4	52.301	170	29.04	29
19	13.054	162	73.15	80	6.440	186	29.95	88	47.798	190	51.82	—19	52.131	151	29.33	29
29	12.892	137	72.35	107	6.254	161	29.07	123	47.608	158	51.63	39	51.980	126	29.62	27
Mai 9	12.755	106	71.28	133	6.093	129	27.84	155	47.450	118	51.24	58	51.854	95	29.89	28
19	12.649	71	69.95	155	5.964	95	26.29	184	47.332	73	50.66	72	51.759	60	30.17	28
29	12.578	34	68.40	175	5.869	56	24.45	210	47.259	25	49.94	84	51.699	22	30.45	29
Juni 8	12.544	—4	66.65	192	5.813	16	22.35	230	47.234	—23	49.10	92	51.677	—17	30.74	30
18	12.548	42	64.73	202	5.797	—23	20.05	244	47.257	71	48.18	98	51.694	54	31.04	31
28	12.590	78	62.71	207	5.820	63	17.61	252	47.328	117	47.20	101	51.748	91	31.35	30
Juli 8	12.668	112	60.64	208	5.883	100	15.09	252	47.445	160	46.19	102	51.839	125	31.65	29
18	12.780	145	58.56	201	5.983	136	12.57	246	47.605	200	45.17	100	51.964	156	31.94	26
28	12.925	174	56.55	187	6.119	168	10.11	232	47.805	236	44.17	97	52.120	186	32.20	21
Aug. 7	13.099	201	54.68	168	6.287	199	7.79	209	48.041	268	43.20	93	52.306	211	32.41	14
17	13.300	225	53.00	142	6.486	227	5.70	179	48.309	296	42.27	89	52.517	235	32.55	4
27	13.525	246	51.58	109	6.713	251	3.91	141	48.605	320	41.38	83	52.752	255	32.59	—6
Sept. 6	13.771	263	50.49	72	6.964	271	2.50	99	48.925	342	40.55	76	53.007	272	32.53	20
16	14.034	277	49.77	31	7.235	287	1.51	51	49.267	358	39.79	68	53.279	288	32.33	33
26	14.311	288	49.46	—13	7.522	300	1.00	0	49.625	370	39.11	60	53.567	300	32.00	47
Okt. 6	14.599	293	49.59	56	7.822	307	1.00	52	49.995	380	38.51	50	53.867	308	31.53	61
16	14.892	295	50.15	99	8.129	308	1.52	103	50.375	384	38.01	37	54.175	313	30.92	72
26	15.187	291	51.14	138	8.437	303	2.55	151	50.759	381	37.64	22	54.488	313	30.20	80
Nov. 5	15.478	280	52.52	172	8.740	291	4.06	193	51.140	370	37.42	5	54.801	307	29.40	86
15	15.758	262	54.24	200	9.031	271	5.99	229	51.510	353	37.37	—13	55.108	293	28.54	86
25	16.020	237	56.24	221	9.302	243	8.28	257	51.863	325	37.50	34	55.401	272	27.68	84
Dez. 5	16.257	204	58.45	232	9.545	208	10.85	274	52.188	289	37.84	54	55.673	242	26.84	76
15	16.461	166	60.77	237	9.753	166	13.59	283	52.477	242	38.38	73	55.915	207	26.08	66
25	16.627	121	63.14	232	9.919	117	16.42	281	52.719	188	39.11	91	56.122	162	25.42	53
35	16.748		65.46		10.036		19.23		52.907		40.02		56.284		24.89	
Mittl. Ort	13.443		57.01		6.803		11.04		48.347		49.83		52.508		35.05	
sec δ, tg δ	1.038		−0.278		1.115		−0.494		1.294		+0.822		1.044		+0.299	
a, a′	+2.7		−5.3		+2.4		−5.7		+4.1		−5.8		+3.5		−6.4	
b, b′	0.00		−0.96		+0.01		−0.96		−0.02		−0.96		−0.01		−0.95	

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Tag	278) π Puppis AR.	Diff.	Dekl.	Diff.	279) δ Geminorum AR.	Diff.	Dekl.	Diff.	281) δ Volantis AR.	Diff.	Dekl.	Diff.	280) 19 Lyncis sq AR.	Diff.	Dekl.	Diff.
1944	7h 15m		−36° 59′		7h 16m		+22° 5′		7h 16m		−67° 51′		7h 18m		+55° 23′	
Jan. 1	11.056 s	83	47.82 ″	319	47.203 s	136	7.05 ″	11	55.72 s	3	18.18 ″	369	19.133 s	197	13.20 ″	189
10*)	(10) 11.139	25	51.01	306	(10) 47.339	84	6.94	4	(10) 55.75	9	21.87	359	(11) 19.330	113	15.09	200
20	11.164	33	54.07	284	47.423	30	6.98	18	55.66	20	25.46	341	19.443	28	17.09	206
30	11.131	88	56.91	255	47.453	23	7.16	29	55.46	31	28.87	313	19.471	55	19.15	202
Febr. 9	11.043	138	59.46	221	47.430	72	7.45	37	55.15	39	32.00	277	19.416	132	21.17	189
19	10.905	181	61.67	182	47.358	114	7.82	41	54.76	48	34.77	235	19.284	200	23.06	170
29	10.724	214	63.49	139	47.244	148	8.23	42	54.28	54	37.12	188	19.084	254	24.76	143
März 10	10.510	237	64.88	95	47.096	172	8.65	41	53.74	57	39.00	138	18.830	292	26.19	110
20	10.273	249	65.83	49	46.924	183	9.06	37	53.17	61	40.38	85	18.538	315	27.29	74
30	10.024	251	66.32	4	46.741	185	9.43	32	52.56	61	41.23	31	18.223	319	28.03	36
Apr. 9	9.773	243	66.36	42	46.556	176	9.75	26	51.95	60	41.54	22	17.904	306	28.39	3
19	9.530	225	65.94	85	46.380	157	10.01	19	51.35	58	41.32	75	17.598	280	28.36	41
29	9.305	200	65.09	126	46.223	131	10.20	14	50.77	54	40.57	126	17.318	241	27.95	75
Mai 9	9.105	168	63.83	166	46.092	99	10.34	9	50.23	48	39.31	173	17.077	191	27.20	107
19	8.937	131	62.17	201	45.993	62	10.43	5	49.75	42	37.58	217	16.886	133	26.13	133
29	8.806	91	60.16	230	45.931	24	10.48	3	49.33	34	35.41	256	16.753	72	24.80	154
Juni 8	8.715	48	57.86	256	45.907	16	10.51	1	48.99	26	32.85	288	16.681	7	23.26	171
18	8.667	5	55.30	274	45.923	55	10.52	1	48.73	17	29.97	313	16.674	57	21.55	183
28	8.662	38	52.56	285	45.978	93	10.51	2	48.56	7	26.84	329	16.731	120	19.72	188
Juli 8	8.700	82	49.71	288	46.071	129	10.49	4	48.49	2	23.55	337	16.851	181	17.84	190
18	8.782	122	46.83	283	46.200	161	10.45	6	48.51	12	20.18	334	17.032	237	15.94	188
28	8.904	162	44.00	269	46.361	191	10.39	10	48.63	21	16.84	321	17.269	288	14.06	181
Aug. 7	9.066	198	41.31	245	46.552	218	10.29	14	48.84	30	13.63	299	17.557	335	12.25	172
17	9.264	231	38.86	213	46.770	242	10.15	21	49.14	39	10.64	265	17.892	376	10.53	159
27	9.495	262	36.73	174	47.012	263	9.94	28	49.53	46	7.99	223	18.268	413	8.94	143
Sept. 6	9.757	287	34.99	126	47.275	281	9.66	37	49.99	52	5.76	172	18.681	443	7.51	125
16	10.044	307	33.73	74	47.556	298	9.29	45	50.51	57	4.04	113	19.124	469	6.26	105
26	10.351	323	32.99	18	47.854	310	8.84	54	51.08	60	2.91	51	19.593	489	5.21	81
Okt. 6	10.674	333	32.81	41	48.164	319	8.30	62	51.68	62	2.40	16	20.082	502	4.40	57
16	11.007	335	33.22	98	48.483	324	7.68	67	52.30	62	2.56	83	20.584	508	3.83	28
26	11.342	329	34.20	154	48.807	325	7.01	70	52.92	59	3.39	147	21.092	505	3.55	2
Nov. 5	11.671	315	35.74	204	49.132	318	6.31	70	53.51	54	4.86	207	21.597	492	3.57	32
15	11.986	293	37.78	247	49.450	304	5.61	66	54.05	49	6.93	260	22.089	467	3.89	65
25	12.279	261	40.25	281	49.754	283	4.95	59	54.54	41	9.53	303	22.556	432	4.54	97
Dez. 5	12.540	221	43.06	305	50.037	253	4.36	47	54.95	31	12.56	337	22.988	382	5.51	127
15	12.761	174	46.11	318	50.290	216	3.89	35	55.26	21	15.93	359	23.370	321	6.78	154
25	12.935	120	49.29	322	50.506	171	3.54	19	55.47	10	19.52	368	23.691	251	8.32	178
35	13.055		52.51		50.677		3.35		55.57		23.20		23.942		10.10	
Mittl. Ort	9.843		44.74		46.768		13.79		51.83		17.01		18.284		21.19	
sec δ, tg δ	1.252		−0.753		1.079		+0.406		2.653		−2.457		1.761		+1.449	
a, *a′*	+2.1		−6.5		+3.6		−6.6		0.0		−6.6		+4.9		−6.7	
b, *b′*	+0.02		−0.95		−0.01		−0.94		+0.05		−0.94		−0.03		−0.94	

*) Bei Stern 280) lies Jan. 11.

Tag	282) ι Geminorum AR.		282) ι Geminorum Dekl.		285) β Canis min. AR.		285) β Canis min. Dekl.		284) Grb 1308 Caml AR.		284) Grb 1308 Caml Dekl.		286) ρ Geminorum AR.		286) ρ Geminorum Dekl.	
1944	7h 22m		+27° 54′		7h 24m		+8° 24′		7h 25m		+68° 34′		7h 25m		+31° 53′	
Jan. 1	15.452 s	148	32.96 "	24	7.288 s	131	7.55 "	98	5.81 s	28	50.35 "	250	31.134 s	158	44.01 "	49
11	[12]15.600	94	33.20	40	[12]7.419	81	6.57	83	[12]6.09	15	52.85	263	[13]31.292	101	44.50	64
20	15.694	37	33.60	52	7.500	31	5.74	66	6.24	2	55.48	265	31.393	42	45.14	77
30	15.731	18	34.12	62	7.531	18	5.08	49	6.26	10	58.13	258	31.435	15	45.91	84
Febr. 9	15.713	70	34.74	66	7.513	65	4.59	33	6.16	22	60.71	240	31.420	70	46.75	88
19	15.643	116	35.40	67	7.448	106	4.26	17	5.94	32	63.11	214	31.350	117	47.63	86
29	15.527	152	36.07	64	7.342	137	4.09	4	5.62	41	65.25	178	31.233	156	48.49	79
März 10	15.375	177	36.71	57	7.205	159	4.05	8	5.21	47	67.03	136	31.077	183	49.28	69
20	15.198	191	37.28	48	7.046	172	4.13	17	4.74	50	68.39	89	30.894	198	49.97	56
30	15.007	194	37.76	36	6.874	174	4.30	27	4.24	52	69.28	41	30.696	202	50.53	40
Apr. 9	14.813	186	38.12	24	6.700	167	4.57	35	3.72	51	69.69	9	30.494	193	50.93	24
19	14.627	167	38.36	12	6.533	151	4.92	42	3.21	47	69.60	56	30.301	175	51.17	8
29	14.460	141	38.48	0	6.382	127	5.34	49	2.74	42	69.04	101	30.126	148	51.25	8
Mai 9	14.319	108	38.48	10	6.255	98	5.83	55	2.32	34	68.03	141	29.978	115	51.17	21
19	14.211	70	38.38	18	6.157	66	6.38	62	1.98	26	66.62	176	29.863	77	50.96	34
29	14.141	30	38.20	26	6.091	31	7.00	67	1.72	17	64.86	203	29.786	35	50.62	43
Juni 8	14.111	11	37.94	30	6.060	6	7.67	71	1.55	7	62.83	226	29.751	8	50.19	51
18	14.122	52	37.64	35	6.066	41	8.38	75	1.48	2	60.57	241	29.759	50	49.68	56
28	14.174	91	37.29	38	6.107	76	9.13	75	1.50	13	58.16	250	29.809	91	49.12	61
Juli 8	14.265	129	36.91	40	6.183	110	9.88	74	1.63	23	55.66	252	29.900	130	48.51	64
18	14.394	163	36.51	42	6.293	140	10.62	70	1.86	31	53.14	248	30.030	167	47.87	65
28	14.557	195	36.09	44	6.433	168	11.32	63	2.17	40	50.66	240	30.197	199	47.22	68
Aug. 7	14.752	223	35.65	48	6.601	195	11.95	52	2.57	47	48.26	226	30.396	230	46.54	69
17	14.975	249	35.17	50	6.796	218	12.47	39	3.04	55	46.00	208	30.626	257	45.85	70
27	15.224	272	34.67	55	7.014	239	12.86	21	3.59	60	43.92	185	30.883	280	45.15	71
Sept. 6	15.496	292	34.12	58	7.253	257	13.07	2	4.19	66	42.07	159	31.163	302	44.44	72
16	15.788	309	33.54	62	7.510	273	13.09	20	4.85	70	40.48	129	31.465	321	43.72	72
26	16.097	324	32.92	64	7.783	287	12.89	41	5.55	73	39.19	96	31.786	335	43.00	71
Okt. 6	16.421	333	32.28	67	8.070	297	12.48	63	6.28	75	38.23	60	32.121	347	42.29	69
16	16.754	340	31.61	66	8.367	302	11.85	84	7.03	76	37.63	21	32.468	353	41.60	64
26	17.094	340	30.95	62	8.669	304	11.01	101	7.79	76	37.42	18	32.821	355	40.96	57
Nov. 5	17.434	335	30.33	57	8.973	299	10.00	114	8.55	73	37.60	60	33.176	349	40.39	46
15	17.769	322	29.76	47	9.272	286	8.86	122	9.28	70	38.20	102	33.525	336	39.93	33
25	18.091	300	29.29	34	9.558	267	7.64	126	9.98	64	39.22	141	33.861	314	39.60	18
Dez. 5	18.391	270	28.95	19	9.825	240	6.38	124	10.62	56	40.63	179	34.175	283	39.42	1
15	18.661	231	28.76	3	10.065	205	5.14	118	11.18	47	42.42	212	34.458	243	39.43	19
25	18.892	184	28.73	14	10.270	163	3.96	106	11.65	36	44.54	238	34.701	195	39.62	38
35	19.076		28.87		10.433		2.90		12.01		46.92		34.896		40.00	
Mittl. Ort	15.016		40.05		6.834		13.40		4.21		58.82		30.689		51.35	
sec δ, tg δ	1.132		+0.530		1.011		+0.148		2.739		+2.549		1.178		+0.622	
a, a′	+3.7		−7.0		+3.3		−7.2		+6.2		−7.3		+3.8		−7.3	
b, b′	−0.01		−0.94		0.00		−0.93		−0.06		−0.93		−0.02		−0.93	

Scheinbare Sternörter 1944

Tag	287) α Geminorum[1]				289) 25 Monocerotis				291) α Canis min.[2]				292) 24 Lyncis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	$7^h\ 31^m$		$+32°\ 0'$		$7^h\ 34^m$		$-3°\ 59'$		$7^h\ 36^m$		$+5°\ 21'$		$7^h\ 38^m$		$+58°\ 50'$	
	s		″		s		″		s		″		s		″	
Jan. 1	2.134	164	40.08	47	30.124	131	9.00	174	22.734	135	65.32	123	17.637	245	28.52	197
11	$_{14}$2.298	106	40.55	63	$_{15}$30.255	82	10.74	160	$_{15}$22.869	87	64.09	107	$_{16}$17.882	155	30.49	215
20	2.404	48	41.18	76	30.337	32	12.34	141	22.956	36	63.02	90	18.037	62	32.64	223
30	2.452	$\overline{10}$	41.94	84	30.369	$\overline{17}$	13.75	119	22.992	$\overline{13}$	62.12	69	18.099	$\overline{30}$	34.87	223
Febr. 9	2.442	65	42.78	89	30.352	62	14.94	97	22.979	60	61.43	51	18.069	118	37.10	214
19	2.377	114	43.67	88	30.290	101	15.91	74	22.919	101	60.92	33	17.951	195	39.24	195
29	2.263	153	44.55	81	30.189	137	16.65	50	22.818	133	60.59	16	17.756	259	41.19	169
März 10	2.110	180	45.36	72	30.052	158	17.15	28	22.685	157	60.43	2	17.497	308	42.88	136
20	1.930	198	46.08	58	29.894	172	17.43	5	22.528	170	60.41	$\overline{12}$	17.189	338	44.24	98
30	1.732	202	46.66	43	29.722	175	17.48	$\overline{15}$	22.358	174	60.53	23	16.851	350	45.22	57
Apr. 9	1.530	195	47.09	27	29.547	170	17.33	35	22.184	168	60.76	35	16.501	344	45.79	16
19	1.335	178	47.36	10	29.377	156	16.98	54	22.016	153	61.11	44	16.157	322	45.95	$\overline{25}$
29	1.157	151	47.46	$\overline{6}$	29.221	135	16.44	72	21.863	131	61.55	52	15.835	285	45.70	65
Mai 9	1.006	119	47.40	21	29.086	109	15.72	89	21.732	105	62.07	62	15.550	236	45.05	101
19	0.887	82	47.19	33	28.977	78	14.83	104	21.627	73	62.69	69	15.314	179	44.04	132
29	0.805	41	46.86	43	28.899	46	13.79	117	21.554	40	63.38	76	15.135	115	42.72	159
Juni 8	0.764	$\overline{2}$	46.43	52	28.853	11	12.62	128	21.514	4	64.14	82	15.020	48	41.13	181
18	0.766	44	45.91	58	28.842	$\overline{24}$	11.34	136	21.510	$\overline{30}$	64.96	85	14.972	$\overline{21}$	39.32	197
28	0.810	84	45.33	64	28.866	57	9.98	140	21.540	65	65.81	86	14.993	89	37.35	207
Juli 8	0.894	124	44.69	67	28.923	91	8.58	141	21.605	98	66.67	84	15.082	156	35.28	213
18	1.018	160	44.02	69	29.014	121	7.17	135	21.703	129	67.51	81	15.238	219	33.15	214
28	1.178	193	43.33	72	29.135	150	5.82	127	21.832	155	68.32	71	15.457	276	31.01	210
Aug. 7	1.371	223	42.61	74	29.285	177	4.55	112	21.987	183	69.03	60	15.733	331	28.91	202
17	1.594	252	41.87	75	29.462	201	3.43	93	22.170	208	69.63	45	16.064	380	26.89	191
27	1.846	276	41.12	77	29.663	224	2.50	68	22.378	229	70.08	25	16.444	424	24.98	175
Sept. 6	2.122	298	40.35	78	29.887	244	1.82	41	22.607	248	70.33	4	16.868	462	23.23	158
16	2.420	317	39.57	78	30.131	263	1.41	9	22.855	266	70.37	$\overline{21}$	17.330	495	21.65	136
26	2.737	333	38.79	77	30.394	277	1.32	$\overline{25}$	23.121	280	70.16	45	17.825	521	20.29	111
Okt. 6	3.070	346	38.02	75	30.671	289	1.57	58	23.401	291	69.71	70	18.346	542	19.18	83
16	3.416	353	37.27	70	30.960	296	2.15	90	23.692	299	69.01	93	18.888	553	18.35	53
26	3.769	355	36.57	63	31.256	298	3.05	120	23.991	301	68.08	113	19.441	555	17.82	20
Nov. 5	4.124	352	35.94	52	31.554	294	4.25	146	24.292	297	66.95	129	19.996	546	17.62	$\overline{15}$
15	4.476	339	35.42	39	31.848	283	5.71	167	24.589	287	65.66	141	20.542	524	17.77	52
25	4.815	317	35.03	22	32.131	264	7.38	180	24.876	268	64.25	147	21.066	489	18.29	88
Dez. 5	5.132	287	34.81	$\overline{4}$	32.395	237	9.18	186	25.144	242	62.78	147	21.555	439	19.17	124
15	5.419	248	34.77	16	32.632	203	11.04	187	25.386	208	61.31	141	21.994	377	20.41	155
25	5.667	201	34.93	35	32.835	162	12.91	181	25.594	167	59.90	131	22.371	302	21.96	184
35	5.868		35.28		32.997		14.72		25.761		58.59		22.673		23.80	
Mittl. Ort	1.701		47.51		29.590		4.48		22.276		70.73		16.744		37.41	
sec δ, tg δ	1.179		+0.625		1.002		−0.070		1.004		+0.094		1.933		+1.654	
a, *a′*	+3.8		−7.8		+3.0		−8.0		3.2		−8.2		+5.1		−8.3	
b, *b′*	−0.02		−0.92		0.00		−0.92		0.00		−0.91		−0.05		−0.91	

[1]) Ort des helleren Sterns.

[2]) Ort des hellen Sterns; die jährliche Parallaxe (0″.291) ist bereits berücksichtigt.

Tag	294) ϰ Geminorum AR.		294) ϰ Geminorum Dekl.		295) β Geminorum[1]) AR.		295) β Geminorum[1]) Dekl.		297) ζ Volantis AR.		297) ζ Volantis Dekl.		296) π Geminorum AR.		296) π Geminorum Dekl.	
1944	7h 41m		+24° 31′		7h 41m		+28° 9′		7h 42m		−72° 28′		7h 43m		+33° 33′	
Jan. 1	4.516 s	164	55.35 ″	4	53.884 s	168	39.92 ″	19	36.46 s	9	16.73 ″	371	54.329 s	181	9.88 ″	51
11	16 4.680	112	55.31	14	17 54.052	113	40.11	36	17 36.55	6	20.44	369	17 54.510	123	10.39	69
20	4.792	56	55.45	30	54.165	56	40.47	52	36.49	19	24.13	357	54.633	63	11.08	85
30	4.848	1	55.75	42	54.221	0	40.99	64	36.30	33	27.70	335	54.696	4	11.93	95
Febr. 9	4.849	51	56.17	52	54.221	54	41.63	72	35.97	45	31.05	306	54.700	53	12.88	99
19	4.798	97	56.69	58	54.167	102	42.35	74	35.52	55	34.11	268	54.647	104	13.87	99
29	4.701	134	57.27	59	54.065	140	43.09	73	34.97	64	36.79	225	54.543	145	14.86	94
März 10	4.567	162	57.86	56	53.925	169	43.82	68	34.33	70	39.04	178	54.398	176	15.80	84
20	4.405	179	58.42	52	53.756	186	44.50	58	33.63	74	40.82	128	54.222	195	16.64	69
30	4.226	185	58.94	44	53.570	193	45.08	47	32.89	77	42.10	76	54.027	203	17.33	53
Apr. 9	4.041	180	59.38	35	53.377	187	45.55	35	32.12	76	42.86	22	53.824	199	17.86	35
19	3.861	166	59.73	26	53.190	173	45.90	22	31.36	75	43.08	32	53.625	183	18.21	16
29	3.695	143	59.99	16	53.017	149	46.12	8	30.61	72	42.76	84	53.442	160	18.37	2
Mai 9	3.552	114	60.15	8	52.868	119	46.20	3	29.89	66	41.92	135	53.282	129	18.35	19
19	3.438	80	60.23	0	52.749	85	46.17	14	29.23	59	40.57	181	53.153	92	18.16	34
29	3.358	44	60.23	7	52.664	47	46.03	24	28.64	51	38.76	224	53.061	53	17.82	46
Juni 8	3.314	5	60.16	12	52.617	7	45.79	31	28.13	41	36.52	262	53.008	11	17.36	58
18	3.309	33	60.04	17	52.610	33	45.48	37	27.72	31	33.90	292	52.997	31	16.78	67
28	3.342	70	59.87	21	52.643	71	45.11	43	27.41	19	30.98	314	53.028	72	16.11	73
Juli 8	3.412	107	59.66	26	52.714	109	44.68	47	27.22	8	27.84	329	53.100	111	15.38	79
18	3.519	140	59.40	29	52.823	144	44.21	52	27.14	4	24.55	332	53.211	149	14.59	84
28	3.659	171	59.11	35	52.967	175	43.69	56	27.18	17	21.23	327	53.360	183	13.75	86
Aug. 7	3.830	200	58.76	40	53.142	206	43.13	59	27.35	28	17.96	311	53.543	214	12.89	89
17	4.030	227	58.36	46	53.348	233	42.54	65	27.63	40	14.85	284	53.757	244	12.00	91
27	4.257	250	57.90	53	53.581	257	41.89	69	28.03	50	12.01	247	54.001	271	11.09	92
Sept. 6	4.507	273	57.37	61	53.838	280	41.20	74	28.53	59	9.54	201	54.272	294	10.17	93
16	4.780	291	56.76	69	54.118	300	40.46	78	29.12	66	7.53	146	54.566	316	9.24	93
26	5.071	309	56.07	75	54.418	317	39.68	81	29.78	72	6.07	86	54.882	334	8.31	91
Okt. 6	5.380	322	55.32	80	54.735	330	38.87	83	30.50	75	5.21	21	55.216	350	7.40	88
16	5.702	331	54.52	84	55.065	340	38.04	82	31.25	77	5.00	46	55.566	359	6.52	81
26	6.033	335	53.68	85	55.405	344	37.22	79	32.02	74	5.46	112	55.925	364	5.71	72
Nov. 5	6.368	333	52.83	81	55.749	341	36.43	72	32.76	70	6.58	175	56.289	361	4.99	60
15	6.701	323	52.02	74	56.090	331	35.71	62	33.46	64	8.33	232	56.650	352	4.39	44
25	7.024	305	51.28	63	56.421	313	35.09	47	34.10	55	10.65	281	57.002	332	3.95	26
Dez. 5	7.329	278	50.65	50	56.734	284	34.62	31	34.65	43	13.46	320	57.334	303	3.69	5
15	7.607	243	50.15	33	57.018	248	34.31	13	35.08	31	16.66	349	57.637	265	3.64	17
25	7.850	199	49.82	15	57.266	203	34.18	7	35.39	17	20.15	366	57.902	218	3.81	38
35	8.049		49.67		57.469		34.25		35.56		23.81		58.120		4.19	
Mittl. Ort	4.127		62.33		53.489		47.19		31.38		18.69		53.920		17.59	
sec δ, tg δ	1.099		+0.456		1.134		+0.535		3.320		−3.166		1.200		+0.663	
a, a′	+3.6		−8.6		+3.7		−8.6		−0.7		−8.7		+3.9		−8.8	
b, b′	−0.01		−0.90		−0.02		−0.90		+0.09		−0.90		−0.02		−0.90	

[1]) Die jährliche Parallaxe (0″.100) ist bereits berücksichtigt.

Tag	300) Grb 1374 Caml				303) χ Carinae				305) χ Geminorum				306) ζ Puppis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	$7^h\ 53^m$		$+74°\ 3'$		$7^h\ 55^m$		$-52°\ 49'$		$8^h\ 0^m$		$+27°\ 56'$		$8^h\ 1^m$		$-39°\ 50'$	
Jan. 1	34.03	44	64.81	258	23.220	128	50.70	362	5.229	189	63.16	10	38.138	140	38.63	335
11	34.47	27	67.39	278	23.348	53	54.32	360	5.418	136	63.26	29	38.278	80	41.98	330
20*)	[20] 34.74	11	70.17	287	[20] 23.401	22	57.92	346	5.554	79	63.55	48	38.358	18	45.28	315
30	34.85	6	73.04	286	23.379	94	61.38	325	[21] 5.633	21	64.03	62	[22] 38.376	42	48.43	293
Febr. 9	34.79	22	75.90	272	23.285	161	64.63	294	5.654	33	64.65	72	38.334	97	51.36	264
19	34.57	37	78.62	249	23.124	220	67.57	257	5.621	83	65.37	78	38.237	146	54.00	229
29	34.20	49	81.11	215	22.904	268	70.14	215	5.538	124	66.15	79	38.091	188	56.29	190
März 10	33.71	59	83.26	175	22.636	305	72.29	170	5.414	155	66.94	75	37.903	220	58.19	147
20	33.12	65	85.01	127	22.331	330	73.99	120	5.259	177	67.69	68	37.683	240	59.66	102
30	32.47	69	86.28	75	22.001	342	75.19	70	5.082	186	68.37	58	37.443	251	60.68	57
Apr. 9	31.78	70	87.03	22	21.659	344	75.89	19	4.896	185	68.95	45	37.192	252	61.25	11
19	31.08	67	87.25	30	21.315	333	76.08	32	4.711	174	69.40	31	36.940	243	61.36	35
29	30.41	61	86.95	80	20.982	314	75.76	82	4.537	154	69.71	19	36.697	225	61.01	80
Mai 9	29.80	54	86.15	127	20.668	284	74.94	130	4.383	127	69.90	5	36.472	202	60.21	122
19	29.26	44	84.88	169	20.384	248	73.64	175	4.256	95	69.95	8	36.270	172	58.99	161
29	28.82	33	83.19	205	20.136	206	71.89	214	4.161	60	69.87	17	36.098	138	57.38	198
Juni 8	28.49	21	81.14	233	19.930	158	69.75	250	4.101	23	69.70	28	35.960	100	55.40	228
18	28.28	8	78.81	256	19.772	107	67.25	279	4.078	15	69.42	36	35.860	60	53.12	253
28	28.20	4	76.25	271	19.665	53	64.46	300	4.093	53	69.06	43	35.800	18	50.59	271
Juli 8	28.24	17	73.54	280	19.612	2	61.46	312	4.146	89	68.63	50	35.782	24	47.88	282
18	28.41	30	70.74	282	19.614	59	58.34	317	4.235	124	68.13	56	35.806	67	45.06	284
28	28.71	42	67.92	277	19.673	114	55.17	310	4.359	157	67.57	62	35.873	109	42.22	277
Aug. 7	29.13	52	65.15	268	19.787	170	52.07	294	4.516	187	66.95	68	35.982	149	39.45	262
17	29.65	62	62.47	252	19.957	222	49.13	268	4.703	216	66.27	74	36.131	189	36.83	237
27	30.27	72	59.95	231	20.179	271	46.45	232	4.919	243	65.53	80	36.320	226	34.46	203
Sept. 6	30.99	80	57.64	205	20.450	315	44.13	187	5.162	267	64.73	87	36.546	260	32.43	161
16	31.79	87	55.59	175	20.765	354	42.26	134	5.429	289	63.86	91	36.806	290	30.82	112
26	32.66	92	53.84	141	21.119	385	40.92	76	5.718	309	62.95	96	37.096	316	29.70	57
Okt. 6	33.58	97	52.43	102	21.504	407	40.16	13	6.027	326	61.99	99	37.412	336	29.13	1
16	34.55	98	51.41	61	21.911	419	40.03	52	6.353	340	61.00	98	37.748	348	29.14	61
26	35.53	100	50.80	16	22.330	420	40.55	116	6.693	346	60.02	95	38.096	353	29.75	119
Nov. 5	36.53	98	50.64	30	22.750	408	41.71	177	7.039	348	59.07	89	38.449	347	30.94	174
15	37.51	94	50.94	77	23.158	384	43.48	231	7.387	341	58.18	77	38.796	333	32.68	224
25	38.45	87	51.71	124	23.542	348	45.79	279	7.728	325	57.41	63	39.129	308	34.92	266
Dez. 5	39.32	79	52.95	168	23.890	299	48.58	316	8.053	301	56.78	46	39.437	273	37.58	298
15	40.11	67	54.63	208	24.189	240	51.74	343	8.354	266	56.32	25	39.710	229	40.56	320
25	40.78	54	56.71	241	24.429	173	55.17	358	8.620	224	56.07	4	39.939	176	43.76	333
35	41.32		59.12		24.602		58.75		8.844		56.03		40.115		47.09	
Mittl. Ort	31.96		74.71		21.249		52.61		4.885		70.54		36.879		39.77	
sec δ, tg δ	3.644		+3.504		1.655		−1.319		1.132		+0.531		1.302		−0.835	
a, *a′*	+7.2		−9.5		+1.5		−9.7		+3.7		−10.0		+2.1		−10.1	
b, *b′*	−0.11		−0.88		+0.04		−0.88		−0.02		−0.87		+0.03		−0.86	

*) Bei Stern 305) und 306) lies Jan. 21.

Tag	307) 27 Lyncis				308) ρ Puppis				309) γ Velorum				311) 20 Puppis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	$8^h\ 4^m$		$+51°\ 39'$		$8^h\ 5^m$		$-24°\ 8'$		$8^h\ 7^m$		$-47°\ 10'$		$8^h\ 10^m$		$-15°\ 37'$	
	s		″		s		″		s		″		s		″	
Jan. 1	15.763	254	62.57	146	10.284	149	30.54	280	49.941	147	12.00	353	46.091	158	7.31	243
11	16.017	181	64.03	169	10.433	97	33.34	271	50.088	80	15.53	351	46.249	110	9.74	233
21	$_{22}$16.198	102	65.72	185	$_{23}$10.530	44	36.05	255	$_{23}$50.168	13	19.04	339	$_{24}$46.359	58	12.07	215
30	16.300	22	67.57	194	10.574	9	38.60	233	50.181	53	22.43	318	46.417	7	14.22	193
Febr. 9	16.322	53	69.51	193	10.565	58	40.93	205	50.128	116	25.61	290	46.424	41	16.15	168
19	16.269	123	71.44	185	10.507	103	42.98	174	50.012	170	28.51	255	46.383	85	17.83	140
29	16.146	182	73.29	169	10.404	140	44.72	140	49.842	216	31.06	216	46.298	121	19.23	109
März 10	15.964	228	74.98	145	10.264	168	46.12	104	49.626	252	33.22	171	46.177	150	20.32	79
20	15.736	260	76.43	117	10.096	187	47.16	67	49.374	276	34.93	125	46.027	168	21.11	47
30	15.476	277	77.60	83	9.909	196	47.83	31	49.098	291	36.18	76	45.859	178	21.58	18
Apr. 9	15.199	278	78.43	47	9.713	196	48.14	5	48.807	293	36.94	28	45.681	178	21.76	13
19	14.921	266	78.90	12	9.517	188	48.09	42	48.514	285	37.22	22	45.503	171	21.63	41
29	14.655	241	79.02	24	9.329	172	47.67	76	48.229	270	37.00	69	45.332	156	21.22	69
Mai 9	14.414	206	78.78	58	9.157	150	46.91	108	47.959	245	36.31	116	45.176	135	20.53	96
19	14.208	163	78.20	88	9.007	124	45.83	139	47.714	214	35.15	159	45.041	110	19.57	119
29	14.045	113	77.32	115	8.883	93	44.44	166	47.500	178	33.56	199	44.931	81	18.38	141
Juni 8	13.932	61	76.17	139	8.790	60	42.78	189	47.322	137	31.57	234	44.850	50	16.97	159
18	13.871	7	74.78	157	8.730	27	40.89	207	47.185	93	29.23	262	44.800	18	15.38	173
28	13.864	48	73.21	172	8.703	9	38.82	220	47.092	47	26.61	283	44.782	15	13.65	183
Juli 8	13.912	102	71.49	182	8.712	43	36.62	226	47.045	1	23.78	297	44.797	47	11.82	187
18	14.014	153	69.67	189	8.755	77	34.36	227	47.046	50	20.81	302	44.844	79	9.95	187
28	14.167	202	67.78	191	8.832	111	32.09	218	47.096	98	17.79	297	44.923	110	8.08	178
Aug. 7	14.369	247	65.87	191	8.943	144	29.91	203	47.194	146	14.82	284	45.033	140	6.30	164
17	14.616	291	63.96	186	9.087	174	27.88	181	47.340	193	11.98	259	45.173	169	4.66	143
27	14.907	329	62.10	179	9.261	204	26.07	150	47.533	236	9.39	226	45.342	196	3.23	116
Sept. 6	15.236	365	60.31	169	9.465	232	24.57	114	47.769	277	7.13	183	45.538	223	2.07	83
16	15.601	397	58.62	155	9.697	257	23.43	71	48.046	313	5.30	133	45.761	246	1.24	46
26	15.998	426	57.07	138	9.954	278	22.72	24	48.359	344	3.97	77	46.007	267	0.78	4
Okt. 6	16.424	448	55.69	118	10.232	296	22.48	25	48.703	367	3.20	17	46.274	285	0.74	38
16	16.872	465	54.51	95	10.528	309	22.73	75	49.070	381	3.03	46	46.559	299	1.12	82
26	17.337	475	53.56	68	10.837	315	23.48	123	49.451	387	3.49	109	46.858	307	1.94	123
Nov. 5	17.812	475	52.88	38	11.152	314	24.71	167	49.838	381	4.58	168	47.165	307	3.17	160
15	18.287	464	52.50	5	11.466	304	26.38	207	50.219	364	6.26	221	47.472	301	4.77	193
25	18.751	442	52.45	30	11.770	287	28.45	238	50.583	336	8.47	268	47.773	286	6.70	218
Dez. 5	19.193	407	52.75	64	12.057	260	30.83	262	50.919	296	11.15	305	48.059	261	8.88	236
15	19.600	360	53.39	97	12.317	224	33.45	277	51.215	246	14.20	333	48.320	229	11.24	245
25	19.960	301	54.36	129	12.541	181	36.22	281	51.461	188	17.53	348	48.549	189	13.69	246
35	20.261		55.65		12.722		39.03		51.649		21.01		48.738		16.15	
Mittl. Ort	15.206		72.05		9.492		29.98		48.357		14.54		45.471		5.90	
sec δ, tg δ	1.612		+1.265		1.096		−0.448		1.471		−1.079		1.038		−0.280	
a, *a′*	+4.5		−10.3		+2.6		−10.4		+1.9		−10.6		+2.8		−10.8	
b, *b′*	−0.04		− 0.86		+0.02		− 0.85		+0.04		− 0.85		+0.01		− 0.84	

Scheinbare Sternörter 1944

Tag	310) Br 1147 Caml AR.		310) Dekl.		312) β Cancri AR.		312) Dekl.		314) 31 Lyncis AR.		314) Dekl.		315) ε Carinae AR.		315) Dekl.	
1944	8^h 12^m		+75° 55′		8^h 13^m		+9° 21′		8^h 18^m		+43° 21′		8^h 21^m		−59° 19′	
	s		″		s		″		s		″		s		″	
Jan. 1	35.80	55	41.03	253	29.100	179	29.33	110	60.874	244	60.76	91	24.429	177	38.08	368
11	36.35	37	43.56	277	29.279	131	28.23	91	61.118	181	61.67	116	24.606	91	41.76	373
21	36.72	19	46.33	292	29.410	80	27.32	72	61.299	114	62.83	137	24.697	4	45.49	367
30	[24] 36.91	0	49.25	295	[25] 29.490	28	26.60	52	[26] 61.413	46	64.20	150	[27] 24.701	81	49.16	351
Febr. 9	36.91	19	52.20	286	29.518	21	26.08	32	61.459	21	65.70	157	24.620	160	52.67	326
19	36.72	35	55.06	266	29.497	66	25.76	15	61.438	83	67.27	156	24.460	232	55.93	294
29	36.37	51	57.72	236	29.431	103	25.61	0	61.355	135	68.83	148	24,228	293	58.87	256
März 10	35.86	62	60.08	196	29.328	133	25.61	13	61.220	178	70.31	134	23.935	341	61.43	212
20	35.24	72	62.04	151	29.195	153	25.74	24	61.042	208	71.65	114	23.594	377	63.55	165
30	34.52	77	63.55	100	29.042	163	25.98	33	60.834	225	72.79	89	23.217	400	65.20	115
Apr. 9	33.75	78	64.55	46	28.879	163	26.31	39	60.609	228	73.68	62	22.817	409	66.35	63
19	32.97	77	65.01	9	28.716	156	26.70	45	60.381	221	74.30	33	22.408	407	66.98	10
29	32.20	73	64.92	61	28.560	140	27.15	49	60.160	202	74.63	4	22.001	392	67.08	42
Mai 9	31.47	65	64.31	111	28.420	118	27.64	53	59.958	174	74.67	24	21.609	367	66.66	93
19	30.82	55	63.20	155	28.302	93	28.17	56	59.784	140	74.43	50	21.242	334	65.73	141
29	30.27	44	61.65	196	28.209	63	28.73	59	59.644	100	73.93	75	20.908	291	64.32	186
Juni 8	29.83	31	59.69	229	28.146	31	29.32	60	59.544	57	73.18	95	20.617	242	62.46	227
18	29.52	17	57.40	255	28.115	1	29.92	60	59.487	13	72.23	114	20.375	188	60.19	262
28	29.35	3	54.85	275	28.116	32	30.52	58	59.474	32	71.09	128	20.187	127	57.57	288
Juli 8	29.32	11	52.10	288	28.148	65	31.10	56	59.506	76	69.81	140	20.060	64	54.69	308
18	29.43	24	49.22	294	28.213	95	31.66	50	59.582	119	68.41	149	19.996	2	51.61	319
28	29.67	39	46.28	294	28.308	124	32.16	41	59.701	160	66.92	156	19.998	69	48.42	320
Aug. 7	30.06	51	43.34	287	28.432	151	32.57	31	59.861	199	65.36	159	20.067	137	45.22	309
17	30.57	63	40.47	274	28.583	179	32.88	16	60.060	235	63.77	161	20.204	204	42.13	290
27	31.20	75	37.73	255	28.762	204	33.04	0	60.295	270	62.16	160	20.408	267	39.23	259
Sept. 6	31.95	84	35.18	232	28.966	227	33.04	19	60.565	302	60.56	158	20.675	326	36.64	219
16	32.79	93	32.86	203	29.193	250	32.85	40	60.867	332	58.98	151	21.001	379	34.45	169
26	33.72	100	30.83	170	29.443	270	32.45	62	61.199	359	57.47	143	21.380	424	32.76	113
Okt. 6	34.72	106	29.13	131	29.713	288	31.83	83	61.558	382	56.04	131	21.804	457	31.63	51
16	35.78	109	27.82	89	30.001	302	31.00	102	61.940	400	54.73	116	22.261	480	31.12	15
26	36.87	112	26.93	44	30.303	311	29.98	119	62.340	412	53.57	98	22.741	488	31.27	81
Nov. 5	37.99	110	26.49	4	30.614	314	28.79	132	62.752	416	52.59	74	23.229	481	32.08	145
15	39.09	108	26.53	54	30.928	311	27.47	141	63.168	412	51.85	49	23.710	459	33.53	205
25	40.17	101	27.07	103	31.239	297	26.06	143	63.580	396	51.36	20	24.169	421	35.58	258
Dez. 5	41.18	92	28.10	151	31.536	277	24.63	140	63.976	370	51.16	11	24.590	369	38.16	302
15	42.10	81	29.61	195	31.813	247	23.23	132	64.346	332	51.27	43	24.959	304	41.18	337
25	42.91	66	31.56	233	32.060	209	21.91	119	64.678	284	51.70	73	25.263	228	44.55	359
35	43.57		33.89		32.269		20.72		64.962		52.43		25.491		48.14	
Mittl. Ort	33.61		51.82		28.751		34.29		60.508		69.96		21.969		43.27	
sec δ, tg δ	4.115		+3.991		1.013		+0.165		1.376		+0.945		1.960		−1.686	
a, *a′*	+7.5		−11.0		+3.3		−11.0		+4.1		−11.4		+1.2		−11.6	
b, *b′*	−0.15		−0.84		−0.01		−0.84		−0.04		−0.82		+0.07		−0.82	

Tag	318) ϑ Chamael.				316) Br 1197 Hydra				317) o Ursae maj.				320) Grb 1450 Lynx			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	$8^h\ 22^m$		$-77°\ 18'$		$8^h\ 22^m$		$-3°\ 43'$		$8^h\ 25^m$		$+60°\ 54'$		$8^h\ 29^m$		$+38°\ 12'$	
Jan. 1	$28^s.71$	26	$9''.43$	363	$52^s.164$	177	$23''.67$	186	$38^s.40$	34	$15''.90$	179	$17^s.170$	240	$27''.25$	55
11	28.97	6	13.06	374	52.341	130	25.53	171	38.74	25	17.69	207	17.410	184	27.80	81
21	[27] 29.03	13	16.80	372	[27] 52.471	80	27.24	154	[28] 38.99	16	19.76	228	[29] 17.594	121	28.61	103
30	28.90	31	20.52	361	52.551	29	28.78	132	39.15	6	22.04	237	17.715	57	29.64	120
Febr. 9	28.59	48	24.13	341	52.580	19	30.10	108	39.21	4	24.41	239	17.772	5	30.84	132
19	28.11	63	27.54	312	52.561	63	31.18	85	39.17	14	26.80	230	17.767	64	32.16	135
29	27.48	76	30.66	278	52.498	101	32.03	61	39.03	21	29.10	212	17.703	114	33.51	133
März 10	26.72	87	33.44	236	52.397	130	32.64	39	38.82	27	31.22	184	17.589	154	34.84	123
20	25.85	96	35.80	190	52.267	150	33.03	16	38.55	32	33.06	150	17.435	184	36.07	109
30	24.89	101	37.70	142	52.117	162	33.19	4	38.23	36	34.56	112	17.251	201	37.16	91
Apr. 9	23.88	104	39.12	90	51.955	163	33.15	24	37.87	36	35.68	69	17.050	206	38.07	68
19	22.84	104	40.02	36	51.792	158	32.91	42	37.51	36	36.37	24	16.844	201	38.75	44
29	21.80	103	40.38	17	51.634	144	32.49	59	37.15	33	36.61	19	16.643	185	39.19	20
Mai 9	20.77	98	40.21	70	51.490	125	31.90	75	36.82	30	36.42	61	16.458	162	39.39	5
19	19.79	92	39.51	121	51.365	101	31.15	89	36.52	25	35.81	101	16.296	131	39.34	27
29	18.87	82	38.30	169	51.264	74	30.26	101	36.27	19	34.80	136	16.165	96	39.07	50
Juni 8	18.05	72	36.61	213	51.190	45	29.25	112	36.08	14	33.44	166	16.069	59	38.57	69
18	17.33	60	34.48	251	51.145	15	28.13	119	35.94	6	31.78	193	16.010	18	37.88	85
28	16.73	45	31.97	283	51.130	16	26.94	124	35.88	0	29.85	213	15.992	22	37.03	100
Juli 8	16.28	31	29.14	306	51.146	47	25.70	124	35.88	7	27.72	228	16.014	61	36.03	113
18	15.97	14	26.08	322	51.193	76	24.46	122	35.95	13	25.44	238	16.075	101	34.90	123
28	15.83	2	22.86	326	51.269	106	23.24	113	36.08	20	23.06	244	16.176	138	33.67	132
Aug. 7	15.85	20	19.60	321	51.375	134	22.11	101	36.28	26	20.62	243	16.314	174	32.35	138
17	16.05	37	16.39	305	51.509	162	21.10	83	36.54	32	18.19	240	16.488	208	30.97	142
27	16.42	52	13.34	277	51.671	188	20.27	61	36.86	38	15.79	230	16.696	241	29.55	146
Sept. 6	16.94	66	10.57	240	51.859	213	19.66	35	37.24	42	13.49	217	16.937	272	28.09	148
16	17.60	79	8.17	194	52.072	236	19.31	5	37.66	47	11.32	199	17.209	300	26.61	146
26	18.39	90	6.23	139	52.308	259	19.26	27	38.13	51	9.33	177	17.509	327	25.15	143
Okt. 6	19.29	98	4.84	77	52.567	278	19.53	61	38.64	54	7.56	151	17.836	351	23.72	137
16	20.27	101	4.07	12	52.845	293	20.14	93	39.18	57	6.05	120	18.187	370	22.35	127
26	21.28	102	3.95	54	53.138	303	21.07	123	39.75	59	4.85	85	18.557	383	21.08	114
Nov. 5	22.30	100	4.49	120	53.441	308	22.30	150	40.34	59	4.00	47	18.940	390	19.94	97
15	23.30	92	5.69	182	53.749	304	23.80	172	40.93	58	3.53	7	19.330	389	18.97	74
25	24.22	83	7.51	239	54.053	292	25.52	186	41.51	56	3.46	36	19.719	376	18.23	50
Dez. 5	25.05	70	9.90	286	54.345	273	27.38	196	42.07	52	3.82	79	20.095	354	17.73	22
15	25.75	54	12.76	324	54.618	243	29.34	197	42.59	47	4.61	120	20.449	321	17.51	7
25	26.29	37	16.00	352	54.861	206	31.31	193	43.06	40	5.81	157	20.770	277	17.58	36
35	26.66		19.52		55.067		33.24		43.46		7.38		21.047		17.94	
Mittl. Ort	21.65		16.18		51.733		21.00		37.70		26.68		16.886		36.06	
sec δ, tg δ	4.550		−4.439		1.002		−0.065		2.057		+1.797		1.273		+0.787	
a, a′	−1.8		−11.7		+3.0		−11.7		+5.0		−11.9		+3.9		−12.2	
b, b′	+0.17		−0.81		0.00		−0.81		−0.07		−0.80		−0.03		−0.80	

Tag	321) η Cancri AR.		321) η Cancri Dekl.		1227) o Velorum AR.		1227) o Velorum Dekl.		327) α Pyxidis AR.		327) α Pyxidis Dekl.		326) δ Cancri AR.		326) δ Cancri Dekl.	
1944	$8^h\ 29^m$		$+20°\ 37'$		$8^h\ 38^m$		$-52°\ 43'$		$8^h\ 41^m$		$-32°\ 58'$		$8^h\ 41^m$		$+18°\ 21'$	
	s		"		s		"		s		"		s		"	
Jan. 1	28.595	207	51.57	48	43.134	198	14.11	359	21.340	187	57.28	314	30.509	215	35.24	68
11	28.802	158	51.09	27	43.332	125	17.70	365	21.527	134	60.42	313	30.724	168	34.56	46
21	28.960	104	50.82	5	43.457	51	21.35	361	21.661	77	63.55	303	30.892	115	34.10	23
30*)	[29] 29.064	50	50.77	15	[31] 43.508	22	24.96	346	[1] 21.738	20	66.58	285	[1] 31.007	61	33.87	2
Febr. 9	29.114	2	50.92	31	43.486	92	28.42	325	21.758	34	69.43	261	31.068	9	33.85	17
19	29.112	52	51.23	45	43.394	157	31.67	294	21.724	84	72.04	231	31.077	40	34.02	32
29	29.060	94	51.68	55	43.237	212	34.61	258	21.640	127	74.35	197	31.037	82	34.34	45
März 10	28.966	127	52.23	59	43.025	256	37.19	217	21.513	161	76.32	160	30.955	117	34.79	52
20	28.839	151	52.82	61	42.769	290	39.36	172	21.352	187	77.92	121	30.838	142	35.31	57
30	28.688	165	53.43	59	42.479	313	41.08	125	21.165	204	79.13	80	30.696	157	35.88	58
Apr. 9	28.523	169	54.02	54	42.166	323	42.33	74	20.961	210	79.93	38	30.539	163	36.46	55
19	28.354	163	54.56	49	41.843	324	43.07	24	20.751	209	80.31	3	30.376	160	37.01	52
29	28.191	149	55.05	41	41.519	315	43.31	26	20.542	199	80.28	43	30.216	148	37.53	46
Mai 9	28.042	129	55.46	33	41.204	297	43.05	76	20.343	183	79.85	82	30.068	130	37.99	41
19	27.913	104	55.79	26	40.907	271	42.29	123	20.160	162	79.03	119	29.938	107	38.40	34
29	27.809	74	56.05	17	40.636	238	41.06	167	19.998	136	77.84	154	29.831	80	38.74	27
Juni 8	27.735	43	56.22	10	40.398	199	39.39	208	19.862	107	76.30	184	29.751	51	39.01	21
18	27.692	11	56.32	3	40.199	156	37.31	242	19.755	74	74.46	210	29.700	19	39.22	13
28	27.681	23	56.35	5	40.043	109	34.89	270	19.681	41	72.36	230	29.681	12	39.35	6
Juli 8	27.704	56	56.30	12	39.934	58	32.19	291	19.640	5	70.06	243	29.693	43	39.41	1
18	27.760	87	56.18	21	39.876	5	29.28	303	19.635	31	67.63	250	29.736	74	39.40	10
28	27.847	118	55.97	29	39.871	50	26.25	306	19.666	67	65.13	248	29.810	104	39.30	20
Aug. 7	27.965	148	55.68	39	39.921	105	23.19	299	19.733	105	62.65	237	29.914	133	39.10	31
17	28.113	176	55.29	51	40.026	161	20.20	281	19.838	141	60.28	220	30.047	162	38.79	43
27	28.289	204	54.78	62	40.187	214	17.39	254	19.979	178	58.08	192	30.209	189	38.36	57
Sept. 6	28.493	229	54.16	75	40.401	266	14.85	216	20.157	212	56.16	157	30.398	217	37.79	71
16	28.722	254	53.41	87	40.667	313	12.69	170	20.369	245	54.59	114	30.615	242	37.08	86
26	28.976	278	52.54	100	40.980	354	10.99	116	20.614	275	53.45	66	30.857	267	36.22	100
Okt. 6	29.254	299	51.54	110	41.334	388	9.83	57	20.889	301	52.79	14	31.124	290	35.22	113
16	29.553	315	50.44	118	41.722	413	9.26	6	21.190	322	52.65	41	31.414	308	34.09	124
26	29.868	328	49.26	123	42.135	426	9.32	71	21.512	334	53.06	96	31.722	322	32.85	132
Nov. 5	30.196	335	48.03	125	42.561	428	10.03	134	21.846	340	54.02	148	32.044	331	31.53	136
15	30.531	333	46.78	121	42.989	416	11.37	193	22.186	336	55.50	196	32.375	332	30.17	134
25	30.864	323	45.57	112	43.405	391	13.30	246	22.522	321	57.46	238	32.707	324	28.83	128
Dez. 5	31.187	304	44.45	100	43.796	352	15.76	290	22.843	297	59.84	272	33.031	307	27.55	117
15	31.491	276	43.45	83	44.148	301	18.66	325	23.140	262	62.56	295	33.338	280	26.38	102
25	31.767	238	42.62	62	44.449	240	21.91	349	23.402	219	65.51	310	33.618	245	25.36	82
35	32.005		42.00		44.689		25.40		23.621		68.61		33.863		24.54	
Mittl. Ort	28.337		57.98		41.318		20.27		20.427		60.69		30.285		41.17	
sec δ, tg δ	1.069		+0.377		1.651		−1.314		1.192		−0.649		1.054		+0.332	
a, *a′*	+3.5		−12.2		+1.7		−12.8		+2.4		−13.0		+3.4		−13.0	
b, *b′*	−0.02		− 0.79		+0.06		− 0.77		+0.03		− 0.76		−0.01		− 0.76	

*) Bei Stern 1227), 327) und 326) lies Jan. 31.

Obere Kulmination Greenwich

Tag		328) ι Cancri AR.		Dekl.		334) ζ Hydrae AR.		Dekl.		336) 108 G. Carinae AR.		Dekl.		335) ι Ursae maj. AR.		Dekl.	
1944		$8^h\ 43^m$		$+28°\ 57'$		$8^h\ 52^m$		$+6°\ 9'$		$8^h\ 53^m$		$-60°\ 25'$		$8^h\ 55^m$		$+48°\ 15'$	
Jan.	1	18.935	234	50.55	7	26.314	210	31.92	141	49.19	25	39.69	361	23.222	304	36.18	92
	11	19.169	183	50.48	19	26.524	166	30.51	123	49.44	15	43.30	374	23.526	241	37.10	125
	21	19.352	127	50.67	43	26.690	116	29.28	101	49.59	7	47.04	376	23.767	171	38.35	153
	31	1 19.479	69	51.10	64	4 26.806	65	28.27	80	4 49.66	2	50.80	366	4 23.938	98	39.88	173
Febr.	9	19.548	13	51.74	81	26.871	15	27.47	57	49.64	10	54.46	348	24.036	24	41.61	185
	19	19.561	41	52.55	91	26.886	31	26.90	36	49.54	18	57.94	323	24.060	46	43.46	190
	29	19.520	88	53.46	97	26.855	73	26.54	17	49.36	25	61.17	289	24.014	108	45.36	185
März	10	19.432	125	54.43	97	26.782	106	26.37	0	49.11	31	64.06	250	23.906	161	47.21	173
	20	19.307	154	55.40	91	26.676	130	26.37	15	48.80	35	66.56	206	23.745	202	48.94	152
	30	19.153	171	56.31	83	26.546	147	26.52	28	48.45	38	68.62	159	23.543	229	50.46	127
Apr.	9	18.982	178	57.14	71	26.399	153	26.80	38	48.07	40	70.21	109	23.314	243	51.73	97
	19	18.804	175	57.85	55	26.246	151	27.18	46	47.67	41	71.30	57	23.071	244	52.70	64
	29	18.629	164	58.40	40	26.095	143	27.64	54	47.26	41	71.87	5	22.827	233	53.34	29
Mai	9	18.465	144	58.80	23	25.952	127	28.18	59	46.85	38	71.92	48	22.594	213	53.63	5
	19	18.321	119	59.03	7	25.825	107	28.77	63	46.47	37	71.44	99	22.381	184	53.58	39
	29	18.202	90	59.10	9	25.718	84	29.40	67	46.10	33	70.45	147	22.197	148	53.19	70
Juni	8	18.112	58	59.01	23	25.634	58	30.07	69	45.77	29	68.98	191	22.049	108	52.49	99
	18	18.054	25	58.78	37	25.576	30	30.76	69	45.48	24	67.07	230	21.941	65	51.50	124
	28	18.029	10	58.41	50	25.546	1	31.45	69	45.24	18	64.77	264	21.876	19	50.26	147
Juli	8	18.039	45	57.91	61	25.545	27	32.14	64	45.06	12	62.13	289	21.857	26	48.79	166
	18	18.084	78	57.30	72	25.572	56	32.78	59	44.94	6	59.24	307	21.883	71	47.13	181
	28	18.162	111	56.58	83	25.628	85	33.37	50	44.88	1	56.17	315	21.954	117	45.32	193
Aug.	7	18.273	144	55.75	92	25.713	112	33.87	38	44.89	8	53.02	312	22.071	160	43.39	201
	17	18.417	174	54.83	102	25.825	141	34.25	23	44.97	15	49.90	300	22.231	202	41.38	206
	27	18.591	204	53.81	111	25.966	168	34.48	5	45.12	22	46.90	276	22.433	243	39.32	208
Sept.	6	18.795	233	52.70	119	26.134	195	34.53	17	45.34	28	44.14	243	22.676	283	37.24	206
	16	19.028	262	51.51	126	26.329	221	34.36	39	45.62	35	41.71	199	22.959	321	35.18	200
	26	19.290	287	50.25	132	26.550	247	33.97	64	45.97	40	39.72	147	23.280	355	33.18	192
Okt.	6	19.577	311	48.93	135	26.797	270	33.33	88	46.37	45	38.25	88	23.635	387	31.26	178
	16	19.888	332	47.58	135	27.067	290	32.45	111	46.82	49	37.37	24	24.022	415	29.48	160
	26	20.220	347	46.23	132	27.357	305	31.34	132	47.31	50	37.13	41	24.437	436	27.88	138
Nov.	5	20.567	356	44.91	124	27.662	315	30.02	149	47.81	51	37.54	107	24.873	448	26.50	110
	15	20.923	358	43.67	111	27.977	318	28.53	161	48.32	50	38.61	170	25.321	452	25.40	79
	25	21.281	349	42.56	95	28.295	311	26.92	168	48.82	46	40.31	228	25.773	444	24.61	45
Dez.	5	21.630	332	41.61	74	28.606	297	25.24	168	49.28	42	42.59	277	26.217	424	24.16	7
	15	21.962	304	40.87	50	28.903	272	23.56	162	49.70	37	45.36	318	26.641	389	24.09	31
	25	22.266	266	40.37	24	29.175	238	21.94	150	50.07	29	48.54	349	27.030	344	24.40	69
	35	22.532		40.13		29.413		20.44		50.36		52.03		27.374		25.09	
Mittl. Ort		18.733		58.19		26.060		35.39		46.79		48.29		22.975		46.62	
sec δ, tg δ		1.143		+0.554		1.006		+0.108		2.026		−1.762		1.502		+1.121	
a, a′		+3.6		−13.1		+3.2		−13.7		+1.4		−13.8		+4.2		−13.9	
b, b′		−0.02		−0.76		0.00		−0.73		+0.08		−0.73		−0.05		−0.72	

Tag	337) α Cancri				339) Br. 1268 Lynx				338) ρ Ursae maj.				341) κ Ursae maj.			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	$8^h\ 55^m$		+12° 4′		$8^h\ 56^m$		+41° 59′		$8^h\ 57^m$		+67° 50′		$8^h\ 59^m$		+47° 22′	
Jan. 1	25.762	219	28.05	110	60.887	281	71.43	58	32.24	48	47.06	184	48.888	307	35.76	84
11	25.981	174	26.95	88	61.168	224	72.01	89	32.72	38	48.90	220	49.195	245	36.60	118
21	26.155	125	26.07	66	61.392	161	72.90	116	33.10	26	51.10	248	49.440	176	37.78	147
31	26.280	72	25.41	44	61.553	94	74.06	139	33.36	14	53.58	265	49.616	104	39.25	168
Febr. 9	4 26.352	21	24.97	22	5 61.647	27	75.45	153	5 33.50	1	56.23	271	5 49.720	32	40.93	182
19	26.373	27	24.75	3	61.674	36	76.98	160	33.51	11	58.94	267	49.752	37	42.75	187
29	26.346	69	24.72	14	61.638	92	78.58	160	33.40	21	61.61	251	49.715	100	44.62	184
März 10	26.277	104	24.86	28	61.546	139	80.18	152	33.19	31	64.12	226	49.615	152	46.46	172
20	26.173	130	25.14	37	61.407	176	81.70	137	32.88	38	66.38	192	49.463	192	48.18	155
30	26.043	146	25.51	45	61.231	200	83.07	118	32.50	44	68.30	151	49.271	221	49.73	130
Apr. 9	25.897	154	25.96	50	61.031	213	84.25	93	32.06	46	69.81	106	49.050	235	51.03	100
19	25.743	152	26.46	52	60.818	213	85.18	66	31.60	47	70.87	57	48.815	237	52.03	69
29	25.591	144	26.98	53	60.605	203	85.84	37	31.13	47	71.44	7	48.578	228	52.72	35
Mai 9	25.447	129	27.51	52	60.402	184	86.21	8	30.66	43	71.51	41	48.350	208	53.07	1
19	25.318	109	28.03	52	60.218	158	86.29	21	30.23	37	71.10	88	48.142	181	53.08	32
29	25.209	85	28.55	49	60.060	127	86.08	48	29.86	33	70.22	131	47.961	147	52.76	64
Juni 8	25.124	58	29.04	47	59.933	91	85.60	72	29.53	26	68.91	170	47.814	108	52.12	92
18	25.066	30	29.51	43	59.842	53	84.88	96	29.27	18	67.21	204	47.706	66	51.20	118
28	25.036	1	29.94	38	59.789	13	83.92	116	29.09	9	65.17	231	47.640	23	50.02	141
Juli 8	25.035	28	30.32	32	59.776	28	82.76	133	29.00	2	62.86	254	47.617	22	48.61	160
18	25.063	57	30.64	24	59.804	67	81.43	148	28.98	7	60.32	270	47.639	66	47.01	176
28	25.120	85	30.88	15	59.871	107	79.95	160	29.05	16	57.62	281	47.705	110	45.25	189
Aug. 7	25.205	115	31.03	2	59.978	145	78.35	170	29.21	24	54.81	286	47.815	153	43.36	198
17	25.320	142	31.05	12	60.123	183	76.65	177	29.45	32	51.95	284	47.968	194	41.38	204
27	25.462	170	30.93	28	60.306	220	74.88	182	29.77	39	49.11	278	48.162	235	39.34	206
Sept. 6	25.632	198	30.65	46	60.526	254	73.06	183	30.16	47	46.33	266	48.397	274	37.28	206
16	25.830	225	30.19	66	60.780	289	71.23	183	30.63	53	43.67	249	48.671	312	35.22	202
26	26.055	250	29.53	85	61.069	321	69.40	178	31.16	59	41.18	225	48.983	347	33.20	193
Okt. 6	26.305	274	28.68	105	61.390	350	67.62	171	31.75	65	38.93	197	49.330	379	31.27	181
16	26.579	295	27.63	122	61.740	376	65.91	159	32.40	69	36.96	163	49.709	407	29.46	165
26	26.874	311	26.41	136	62.116	396	64.32	142	33.09	72	35.33	124	50.116	429	27.81	143
Nov. 5	27.185	321	25.05	148	62.512	408	62.90	121	33.81	74	34.09	81	50.545	443	26.38	117
15	27.506	325	23.57	153	62.920	412	61.69	96	34.55	74	33.28	35	50.988	447	25.21	86
25	27.831	319	22.04	154	63.332	406	60.73	67	35.29	72	32.93	14	51.435	440	24.35	52
Dez. 5	28.150	305	20.50	148	63.738	388	60.06	34	36.01	69	33.07	64	51.875	421	23.83	15
15	28.455	281	19.02	137	64.126	358	59.72	1	36.70	63	33.71	113	52.296	390	23.68	23
25	28.736	248	17.65	122	64.484	317	59.73	36	37.33	55	34.84	158	52.686	345	23.91	61
35	28.984		16.43		64.801		60.09		37.88		36.42		53.031		24.52	
Mittl. Ort	25.557		32.61		60.702		81.10		31.46		59.29		48.674		46.17	
sec δ, tg δ	1.023		+0.214		1.346		+0.901		2.652		+2.456		1.477		+1.087	
a, *a′*	+3.3		−13.9		+3.9		−14.0		+5.4		−14.0		+4.1		−14.2	
b, *b′*	−0.01		− 0.72		−0.04		− 0.72		−0.11		− 0.71		−0.05		− 0.71	

Tag	343) α Volantis AR.		343) α Volantis Dekl.		345) λ Velorum AR.		345) λ Velorum Dekl.		347) ϑ Hydrae AR.		347) ϑ Hydrae Dekl.		348) β Carinae AR.		348) β Carinae Dekl.	
1944	$9^h\ 1^m$		−66° 10′		$9^h\ 5^m$		−43° 12′		$9^h\ 11^m$		+2° 32′		$9^h\ 12^m$		−69° 28′	
Jan. 1	37.23	29	9.80	360	57.212	222	13.04	337	27.305	224	63.52	167	39.37	34	59.08	353
11	37.52	18	13.40	376	57.434	165	16.41	344	27.529	181	61.85	150	39.71	22	62.61	373
21	37.70	8	17.16	381	57.599	102	19.85	342	27.710	133	60.35	129	39.93	11	66.34	382
31	37.78	2	20.97	376	57.701	39	23.27	330	27.843	82	59.06	107	40.04	1	70.16	380
Febr. 9	6 37.76	13	24.73	361	7 57.740	22	26.57	310	8 27.925	32	57.99	84	9 40.03	13	73.96	369
19	37.63	22	28.34	337	57.718	80	29.67	284	27.957	14	57.15	61	39.90	23	77.65	349
29	37.41	30	31.71	307	57.638	129	32.51	251	27.943	56	56.54	39	39.67	33	81.14	320
März 10	37.11	37	34.78	270	57.509	171	35.02	214	27.887	91	56.15	18	39.34	41	84.34	286
20	36.74	43	37.48	227	57.338	204	37.16	174	27.796	118	55.97	1	38.93	48	87.20	245
30	36.31	47	39.75	180	57.134	228	38.90	131	27.678	136	55.96	16	38.45	53	89.65	200
Apr. 9	35.84	50	41.55	131	56.906	241	40.21	85	27.542	145	56.12	29	37.92	57	91.65	151
19	35.34	51	42.86	78	56.665	245	41.06	40	27.397	147	56.41	41	37.35	59	93.16	100
29	34.83	51	43.64	25	56.420	241	41.46	7	27.250	141	56.82	51	36.76	60	94.16	46
Mai 9	34.32	50	43.89	28	56.179	230	41.39	51	27.109	130	57.33	60	36.16	58	94.62	8
19	33.82	47	43.61	81	55.949	212	40.88	96	26.979	113	57.93	68	35.58	56	94.54	61
29	33.35	43	42.80	131	55.737	189	39.92	137	26.866	92	58.61	73	35.02	53	93.93	113
Juni 8	32.92	39	41.49	178	55.548	161	38.55	175	26.774	68	59.34	78	34.49	48	92.80	162
18	32.53	33	39.71	220	55.387	129	36.80	209	26.706	44	60.12	80	34.01	41	91.18	206
28	32.20	26	37.51	257	55.258	93	34.71	236	26.662	18	60.92	81	33.60	35	89.12	245
Juli 8	31.94	19	34.94	285	55.165	56	32.35	257	26.644	10	61.73	78	33.25	26	86.67	277
18	31.75	12	32.09	306	55.109	15	29.78	270	26.654	37	62.51	74	32.99	17	83.90	301
28	31.63	3	29.03	318	55.094	28	27.08	276	26.691	64	63.25	65	32.82	8	80.89	315
Aug. 7	31.60	6	25.85	318	55.122	71	24.32	271	26.755	93	63.90	54	32.74	3	77.74	321
17	31.66	15	22.67	309	55.193	116	21.61	258	26.848	120	64.44	38	32.77	13	74.53	314
27	31.81	23	19.58	289	55.309	161	19.03	235	26.968	149	64.82	19	32.90	23	71.39	298
Sept. 6	32.04	33	16.69	257	55.470	204	16.68	202	27.117	178	65.01	3	33.13	33	68.41	269
16	32.37	40	14.12	216	55.674	247	14.66	161	27.295	205	64.98	29	33.46	43	65.72	230
26	32.77	46	11.96	165	55.921	286	13.05	113	27.500	233	64.69	55	33.89	51	63.42	183
Okt. 6	33.23	53	10.31	107	56.207	321	11.92	59	27.733	259	64.14	82	34.40	58	61.59	126
16	33.76	57	9.24	44	56.528	348	11.33	0	27.992	282	63.32	109	34.98	64	60.33	64
26	34.33	59	8.80	22	56.876	368	11.33	60	28.274	300	62.23	134	35.62	67	59.69	2
Nov. 5	34.92	61	9.02	89	57.244	378	11.93	120	28.574	313	60.89	155	36.29	68	59.71	69
15	35.53	59	9.91	154	57.622	377	13.13	175	28.887	319	59.34	172	36.97	68	60.40	134
25	36.12	55	11.45	214	57.999	365	14.88	226	29.206	315	57.62	182	37.65	63	61.74	196
Dez. 5	36.67	50	13.59	266	58.364	339	17.14	269	29.521	304	55.80	186	38.28	58	63.70	252
15	37.17	43	16.25	310	58.703	304	19.83	303	29.825	281	53.94	184	38.86	50	66.22	298
25	37.60	35	19.35	344	59.007	258	22.86	327	30.106	250	52.10	175	39.36	40	69.20	336
35	37.95		22.79		59.265		26.13		30.356		50.35		39.76		72.56	
Mittl. Ort	34.11		19.83		56.041		20.20		27.090		65.66		35.73		70.57	
sec δ, tg δ	2.475		−2.264		1.372		−0.939		1.001		+0.045		2.854		−2.673	
a, a′	+0.9		−14.3		+2.2		−14.5		+3.1		−14.9		+0.7		−14.9	
b, b′	+0.11		− 0.70		+0.05		− 0.69		0.00		− 0.67		+0.13		− 0.67	

Scheinbare Sternörter 1944

Tag	350) 83 Cancri				352) α Lyncis				353) κ Velorum				354) α Hydrae			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	$9^h\ 15^m$		+17° 56′		$9^h\ 17^m$		+34° 37′		$9^h\ 20^m$		−54° 46′		$9^h\ 24^m$		−8° 24′	
Jan. 1	$51^s.564$	243	$32''.37$	87	$38^s.998$	279	$41''.25$	3	$24^s.412$	268	$4''.61$	348	$50^s.383$	229	$52''.98$	221
11	51.807	199	31.50	62	39.277	229	41.28	36	24.680	197	8.09	364	50.612	186	55.19	210
21	52.006	150	30.88	37	39.506	173	41.64	66	24.877	123	11.73	368	50.798	139	57.29	194
31	52.156	96	30.51	11	39.679	113	42.30	91	25.000	46	15.41	364	50.937	89	59.23	175
Febr. 10	52.252	44	30.40	11	39.792	52	43.21	111	25.046	28	19.05	349	51.026	39	60.98	151
19	52.296	6	30.51	30	39.844	6	44.32	126	25.018	97	22.54	327	51.065	8	62.49	126
29	52.290	51	30.81	46	39.838	59	45.58	133	24.921	160	25.81	297	51.057	50	63.75	100
März 10	52.239	90	31.27	57	39.779	103	46.91	134	24.761	214	28.78	262	51.007	85	64.75	75
20	52.149	119	31.84	64	39.676	139	48.25	127	24.547	257	31.40	221	50.922	113	65.50	49
30	52.030	139	32.48	66	39.537	164	49.52	116	24.290	289	33.61	178	50.809	133	65.99	25
Apr. 9	51.891	150	33.14	67	39.373	179	50.68	100	24.001	311	35.39	130	50.676	144	66.24	2
19	51.741	153	33.81	63	39.194	183	51.68	81	23.690	322	36.69	80	50.532	148	66.26	20
29	51.588	148	34.44	58	39.011	177	52.49	58	23.368	324	37.49	30	50.384	145	66.06	40
Mai 9	51.440	135	35.02	52	38.834	164	53.07	35	23.044	316	37.79	20	50.239	136	65.66	59
19	51.305	118	35.54	43	38.670	145	53.42	12	22.728	301	37.59	70	50.103	122	65.07	77
29	51.187	96	35.97	36	38.525	119	53.54	11	22.427	277	36.89	117	49.981	104	64.30	92
Juni 8	51.091	72	36.33	26	38.406	91	53.43	34	22.150	248	35.72	162	49.877	83	63.38	106
18	51.019	46	36.59	17	38.315	60	53.09	54	21.902	211	34.10	203	49.794	60	62.32	116
28	50.973	17	36.76	8	38.255	26	52.55	74	21.691	169	32.07	237	49.734	36	61.16	125
Juli 8	50.956	11	36.84	2	38.229	7	51.81	91	21.522	123	29.70	265	49.698	9	59.91	128
18	50.967	40	36.82	13	38.236	42	50.90	108	21.399	72	27.05	286	49.689	17	58.63	128
28	51.007	69	36.69	25	38.278	76	49.82	122	21.327	18	24.19	298	49.706	44	57.35	124
Aug. 7	51.076	98	36.44	38	38.354	110	48.60	136	21.309	40	21.21	299	49.750	73	56.11	113
17	51.174	127	36.06	53	38.464	144	47.24	147	21.349	98	18.22	291	49.823	102	54.98	99
27	51.301	157	35.53	67	38.608	178	45.77	156	21.447	159	15.31	273	49.925	132	53.99	78
Sept. 6	51.458	185	34.86	83	38.786	211	44.21	165	21.606	218	12.58	244	50.057	162	53.21	53
16	51.643	215	34.03	100	38.997	244	42.56	171	21.824	276	10.14	204	50.219	193	52.68	23
26	51.858	243	33.03	116	39.241	276	40.85	174	22.100	328	8.10	157	50.412	222	52.45	10
Okt. 6	52.101	270	31.87	130	39.517	307	39.11	175	22.428	374	6.53	101	50.634	250	52.55	45
16	52.371	294	30.57	142	39.824	333	37.36	171	22.802	412	5.52	41	50.884	276	53.00	81
26	52.665	315	29.15	151	40.157	356	35.65	162	23.214	438	5.11	22	51.160	296	53.81	117
Nov. 5	52.980	328	27.64	157	40.513	372	34.03	150	23.652	453	5.33	86	51.456	310	54.98	149
15	53.308	336	26.07	155	40.885	380	32.53	132	24.105	453	6.19	149	51.766	318	56.47	177
25	53.644	334	24.52	150	41.265	380	31.21	108	24.558	438	7.68	207	52.084	316	58.24	199
Dez. 5	53.978	324	23.02	139	41.645	367	30.13	82	24.996	408	9.75	258	52.400	305	60.23	215
15	54.302	302	21.63	123	42.012	344	29.31	51	25.404	365	12.33	300	52.705	285	62.38	223
25	54.604	270	20.40	102	42.356	309	28.80	18	25.769	309	15.33	333	52.990	254	64.61	224
35	54.874		19.38		42.665		28.62		26.078		18.66		53.244		66.85	
Mittl. Ort	51.465		37.77		38.938		49.91		22.685		14.95		50.105		53.92	
sec δ, tg δ	1.051		+0.324		1.215		+0.691		1.734		−1.416		1.011		−0.148	
a, *a′*	+3.4		−15.1		+3.7		−15.2		+1.9		−15.4		+2.9		−15.6	
b, *b′*	−0.02		− 0.66		−0.03		− 0.65		+0.07		− 0.64		+0.01		− 0.63	

Tag	356) ε Antliae				355) 23 Ursae maj.				358) ϑ Ursae maj.				357) 24 Ursae maj.			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	$9^h\,26^m$		$-35°\,42'$		$9^h\,27^m$		$+63°\,18'$		$9^h\,29^m$		$+51°\,55'$		$9^h\,29^m$		$+70°\,4'$	
Jan. 1	56.692	238	13.08	315	8.47	46	16.80	137	7.491	362	50.06	81	34.52	60	28.05	162
11	56.930	188	16.23	321	8.93	39	18.17	179	7.853	300	50.87	121	35.12	48	29.67	205
21	57.118	132	19.44	318	9.32	29	19.96	213	8.153	229	52.08	156	35.60	37	31.72	240
31	57.250	74	22.62	308	9.61	19	22.09	239	8.382	152	53.64	183	35.97	23	34.12	266
Febr. 10	57.324	18	25.70	290	9.80	8	24.48	254	8.534	74	55.47	202	36.20	10	36.78	279
	12				12				13				13			
19	57.342	35	28.60	265	9.88	2	27.02	260	8.608	3	57.49	212	36.30	4	39.57	283
29	57.307	83	31.25	236	9.86	12	29.62	254	8.605	74	59.61	213	36.26	16	42.40	274
März 10	57.224	124	33.61	201	9.74	20	32.16	237	8.531	136	61.74	203	36.10	27	45.14	254
20	57.100	156	35.62	165	9.54	27	34.53	211	8.395	187	63.77	186	35.83	37	47.68	224
30	56.944	180	37.27	126	9.27	32	36.64	178	8.208	224	65.63	162	35.46	44	49.92	187
Apr. 9	56.764	195	38.53	85	8.95	36	38.42	139	7.984	249	67.25	131	35.02	49	51.79	143
19	56.569	202	39.38	44	8.59	38	39.81	95	7.735	260	68.56	96	34.53	52	53.22	94
29	56.367	201	39.82	3	8.21	37	40.76	48	7.475	258	69.52	58	34.01	52	54.16	44
Mai 9	56.166	193	39.85	38	7.84	36	41.24	1	7.217	246	70.10	20	33.49	50	54.60	7
19	55.973	181	39.47	78	7.48	33	41.25	45	6.971	223	70.30	18	32.99	47	54.53	58
29	55.792	163	38.69	115	7.15	29	40.80	89	6.748	194	70.12	56	32.52	41	53.95	105
Juni 8	55.629	140	37.54	150	6.86	25	39.91	130	6.554	157	69.56	91	32.11	35	52.90	150
18	55.489	115	36.04	180	6.61	18	38.61	167	6.397	117	68.65	124	31.76	28	51.40	189
28	55.374	86	34.24	206	6.43	12	36.94	199	6.280	74	67.41	152	31.48	19	49.51	223
Juli 8	55.288	55	32.18	226	6.31	6	34.95	227	6.206	28	65.89	178	31.29	11	47.28	253
18	55.233	21	29.92	238	6.25	1	32.68	250	6.178	19	64.11	199	31.18	2	44.75	275
28	55.212	14	27.54	245	6.26	8	30.18	266	6.197	66	62.12	216	31.16	7	42.00	292
Aug. 7	55.226	52	25.09	242	6.34	14	27.52	278	6.263	113	59.96	230	31.23	16	39.08	304
17	55.278	91	22.67	230	6.48	21	24.74	284	6.376	160	57.66	239	31.39	26	36.04	308
27	55.369	131	20.37	210	6.69	28	21.90	284	6.536	206	55.27	245	31.65	34	32.96	306
Sept. 6	55.500	171	18.27	182	6.97	34	19.06	280	6.742	253	52.82	246	31.99	42	29.90	299
16	55.671	211	16.45	144	7.31	40	16.26	270	6.995	296	50.36	242	32.41	51	26.91	285
26	55.882	248	15.01	100	7.71	45	13.56	253	7.291	340	47.94	235	32.92	58	24.06	266
Okt. 6	56.130	283	14.01	51	8.16	51	11.03	232	7.631	381	45.59	221	33.50	65	21.40	239
16	56.413	312	13.50	3	8.67	56	8.71	204	8.012	416	43.38	203	34.15	71	19.01	207
26	56.725	336	13.53	58	9.23	60	6.67	171	8.428	447	41.35	178	34.86	76	16.94	169
Nov. 5	57.061	351	14.11	113	9.83	62	4.96	132	8.875	469	39.57	150	35.62	79	15.25	126
15	57.412	356	15.24	165	10.45	63	3.64	88	9.344	481	38.07	115	36.41	81	13.99	78
25	57.768	351	16.89	213	11.08	64	2.76	41	9.825	481	36.92	76	37.22	80	13.21	27
Dez. 5	58.119	334	19.02	252	11.72	61	2.35	8	10.306	469	36.16	35	38.02	78	12.94	27
15	58.453	306	21.54	283	12.33	57	2.43	59	10.775	440	35.81	10	38.80	73	13.21	81
25	58.759	268	24.37	307	12.90	52	3.02	107	11.215	400	35.91	54	39.53	66	14.02	131
35	59.027		27.44		13.42		4.09		11.615		36.45		40.19		15.33	
Mittl. Ort	55.892		20.44		8.15		29.51		7.403		61.54		33.95		41.32	
sec δ, tg δ	1.231		−0.719		2.226		+1.989		1.622		+1.277		2.935		+2.759	
a, a′	+2.5		−15.7		+4.7		−15.7		+4.1		−15.9		+5.3		−15.9	
b, b′	+0.04		−0.62		−0.10		−0.62		−0.07		−0.61		−0.15		−0.61	

Scheinbare Sternörter 1944

Tag	360) ι Leonis min. AR.		Dekl.		366) ϑ Antliae AR.		Dekl.		367) ε Leonis AR.		Dekl.		368) υ Ursae maj. AR.		Dekl.	
1944	$9^h\ 30^m$		+36° 38′		$9^h\ 41^m$		−27° 30′		$9^h\ 42^m$		+24° 1′		$9^h\ 46^m$		+59° 17′	
Jan. 1	47.914	297	41.07	4	42.709	245	37.88	289	40.519	275	52.57	69	61.538	446	59.22	99
11	48.211	248	41.11	39	42.954	201	40.77	293	40.794	232	51.88	40	61.984	376	60.21	143
21	48.459	192	41.50	72	43.155	150	43.70	288	41.026	184	51.48	9	62.360	296	61.64	182
31	48.651	131	42.22	99	43.305	97	46.58	276	41.210	130	51.39	20	62.656	207	63.46	214
Febr. 10	48.782	69	43.21	122	43.402	44	49.34	257	41.340	75	51.59	44	62.863	115	65.60	234
	13				16				16				17			
19	48.851	10	44.43	137	43.446	7	51.91	233	41.415	22	52.03	66	62.978	23	67.94	246
29	48.861	46	45.80	146	43.439	52	54.24	205	41.437	26	52.69	81	63.001	63	70.40	247
März 10	48.815	93	47.26	147	43.387	91	56.29	174	41.411	68	53.50	92	62.938	141	72.87	238
20	48.722	131	48.73	142	43.296	123	58.03	141	41.343	103	54.42	97	62.797	207	75.25	218
30	48.591	160	50.15	129	43.173	146	59.44	106	41.240	128	55.39	96	62.590	258	77.43	190
Apr. 9	48.431	177	51.44	112	43.027	163	60.50	71	41.112	144	56.35	92	62.332	294	79.33	157
19	48.254	184	52.56	91	42.864	170	61.21	35	40.968	152	57.27	83	62.038	314	80.90	117
29	48.070	181	53.47	68	42.694	171	61.56	1	40.816	151	58.10	72	61.724	321	82.07	74
Mai 9	47.889	171	54.15	42	42.523	166	61.55	36	40.665	144	58.82	58	61.403	312	82.81	29
19	47.718	154	54.57	16	42.357	156	61.19	69	40.521	131	59.40	44	61.091	292	83.10	15
29	47.564	130	54.73	10	42.201	141	60.50	101	40.390	112	59.84	29	60.799	263	82.95	59
Juni 8	47.434	103	54.63	34	42.060	122	59.49	130	40.278	90	60.13	13	60.536	224	82.36	100
18	47.331	73	54.29	59	41.938	100	58.19	156	40.188	66	60.26	3	60.312	180	81.36	138
28	47.258	41	53.70	80	41.838	76	56.63	177	40.122	40	60.23	19	60.132	130	79.98	173
Juli 8	47.217	7	52.90	100	41.762	49	54.86	193	40.082	13	60.04	34	60.002	77	78.25	203
18	47.210	27	51.90	119	41.713	20	52.93	204	40.069	15	59.70	49	59.925	21	76.22	228
28	47.237	62	50.71	135	41.693	10	50.89	209	40.084	44	59.21	64	59.904	34	73.94	249
Aug. 7	47.299	96	49.36	149	41.703	43	48.80	205	40.128	74	58.57	80	59.938	93	71.45	265
17	47.395	131	47.87	163	41.746	78	46.75	194	40.202	104	57.77	95	60.031	150	68.80	276
27	47.526	167	46.24	173	41.824	113	44.81	175	40.306	135	56.82	110	60.181	208	66.04	282
Sept. 6	47.693	201	44.51	182	41.937	150	43.06	149	40.441	167	55.72	125	60.389	265	63.22	282
16	47.894	236	42.69	188	42.087	186	41.57	115	40.608	199	54.47	139	60.654	321	60.40	278
26	48.130	271	40.81	190	42.273	222	40.42	75	40.807	231	53.08	152	60.975	375	57.62	267
Okt. 6	48.401	304	38.91	190	42.495	257	39.67	29	41.038	263	51.56	163	61.350	427	54.95	250
16	48.705	333	37.01	186	42.752	287	39.38	18	41.301	291	49.93	170	61.777	473	52.45	228
26	49.038	358	35.15	176	43.039	311	39.56	68	41.592	316	48.23	174	62.250	512	50.17	199
Nov. 5	49.396	378	33.39	162	43.350	329	40.24	117	41.908	335	46.49	173	62.762	544	48.18	165
15	49.774	389	31.77	141	43.679	339	41.41	164	42.243	348	44.76	167	63.306	563	46.53	124
25	50.163	390	30.36	117	44.018	338	43.05	204	42.591	352	43.09	155	63.869	568	45.29	81
Dez. 5	50.553	381	29.19	87	44.356	326	45.09	239	42.943	346	41.54	137	64.437	557	44.48	32
15	50.934	359	28.32	54	44.682	304	47.48	266	43.289	328	40.17	114	64.994	531	44.16	19
25	51.293	327	27.78	19	44.986	273	50.14	284	43.617	301	39.03	88	65.525	486	44.35	67
35	51.620		27.59		45.259		52.98		43.918		38.15		66.011		45.02	
Mittl. Ort	47.915		50.14		42.190		44.39		40.559		58.98		61.480		71.90	
sec δ, tg δ	1.246		+0.744		1.128		−0.521		1.095		+0.446		1.959		+1.684	
a, *a′*	+3.7		−15.9		+2.7		−16.5		+3.4		−16.6		+4.3		−16.8	
b, *b′*	−0.04		− 0.61		+0.03		− 0.57		−0.02		− 0.56		−0.09		− 0.55	

Tag	370) 6 Sextantis AR.		370) Dekl.		372) Grb 1586 UMaj AR.		372) Dekl.		375) φ Velorum AR.		375) Dekl.		378) π Leonis AR.		378) Dekl.	
1944	9h 48m		−3° 58′		9h 53m		+73° 8′		9h 54m		−54° 17′		9h 57m		+8° 18′	
Jan. 1	24.808 s	248	47.51 "	205	25.75 s	73	35.75 "	147	55.023 s	318	48.49 "	330	15.288 s	263	47.12 "	153
11	25.056	209	49.56	192	26.48	62	37.22	195	55.341	253	51.79	352	15.551	225	45.59	131
21	25.265	164	51.48	175	27.10	48	39.17	235	55.594	183	55.31	363	15.776	180	44.28	108
31	25.429	116	53.23	154	27.58	34	41.52	266	55.777	110	58.94	366	15.956	131	43.20	82
Febr. 10	25.545	66	54.77	130	27.92	18	44.18	286	55.887	37	62.60	357	16.087	82	42.38	56
19*)	(18) 25.611	18	56.07	105	(19) 28.10	3	47.04	294	(19) 55.924	34	66.17	341	(20) 16.169	33	41.82	32
29	25.629	24	57.12	81	28.13	13	49.98	289	55.890	99	69.58	318	16.202	11	41.50	10
März 10	25.605	62	57.93	56	28.00	26	52.87	274	55.791	155	72.76	287	16.191	51	41.40	10
20	25.543	92	58.49	34	27.74	38	55.61	248	55.636	204	75.63	251	16.140	83	41.50	27
30	25.451	114	58.83	13	27.36	48	58.09	212	55.432	241	78.14	211	16.057	107	41.77	39
Apr. 9	25.337	130	58.96	7	26.88	55	60.21	170	55.191	271	80.25	167	15.950	123	42.16	49
19	25.207	136	58.89	25	26.33	60	61.91	121	54.920	290	81.92	121	15.827	133	42.65	55
29	25.071	137	58.64	41	25.73	61	63.12	70	54.630	300	83.13	72	15.694	134	43.20	60
Mai 9	24.934	131	58.23	55	25.12	61	63.82	16	54.330	301	83.85	22	15.560	129	43.80	62
19	24.803	120	57.68	68	24.51	58	63.98	36	54.029	295	84.07	27	15.431	119	44.42	63
29	24.683	107	57.00	79	23.93	54	63.62	88	53.734	281	83.80	76	15.312	105	45.05	61
Juni 8	24.576	89	56.21	88	23.39	48	62.74	135	53.453	261	83.04	122	15.207	89	45.66	60
18	24.487	69	55.33	96	22.91	39	61.39	180	53.192	233	81.82	166	15.118	69	46.26	56
28	24.418	47	54.37	99	22.52	31	59.59	219	52.959	200	80.16	204	15.049	47	46.82	50
Juli 8	24.371	25	53.38	101	22.21	22	57.40	252	52.759	160	78.12	237	15.002	25	47.32	44
18	24.346	1	52.37	100	21.99	11	54.88	280	52.599	116	75.75	263	14.977	1	47.76	35
28	24.347	26	51.37	93	21.88	2	52.08	301	52.483	67	73.12	280	14.976	25	48.11	24
Aug. 7	24.373	53	50.44	84	21.86	10	49.07	317	52.416	13	70.32	290	15.001	51	48.35	11
17	24.426	81	49.60	69	21.96	20	45.90	326	52.403	45	67.42	288	15.052	79	48.46	5
27	24.507	111	48.91	50	22.16	31	42.64	327	52.448	104	64.54	277	15.131	108	48.41	23
Sept. 6	24.618	142	48.41	28	22.47	41	39.37	324	52.552	166	61.77	255	15.239	138	48.18	44
16	24.760	173	48.13	0	22.88	51	36.13	312	52.718	227	59.22	223	15.377	171	47.74	65
26	24.933	205	48.13	30	23.39	61	33.01	295	52.945	285	56.99	181	15.548	202	47.09	88
Okt. 6	25.138	235	48.43	61	24.00	69	30.06	269	53.230	338	55.18	131	15.750	233	46.21	112
16	25.373	264	49.04	93	24.69	78	27.37	239	53.568	385	53.87	74	15.983	262	45.09	134
26	25.637	288	49.97	125	25.47	84	24.98	201	53.953	422	53.13	14	16.245	288	43.75	153
Nov. 5	25.925	307	51.22	152	26.31	89	22.97	158	54.375	446	52.99	50	16.533	310	42.22	169
15	26.232	318	52.74	177	27.20	92	21.39	108	54.821	458	53.49	113	16.843	323	40.53	181
25	26.550	321	54.51	195	28.12	93	20.31	55	55.279	454	54.62	172	17.166	328	38.72	185
Dez. 5	26.871	315	56.46	207	29.05	92	19.76	2	55.733	435	56.34	226	17.494	325	36.87	185
15	27.186	299	58.53	212	29.97	86	19.78	58	56.168	401	58.60	274	17.819	311	35.02	178
25	27.485	272	60.65	210	30.83	80	20.36	113	56.569	354	61.34	312	18.130	286	33.24	165
35	27.757		62.75		31.63		21.49		56.923		64.46		18.416		31.59	
Mittl. Ort	24.681		48.32		25.29		49.74		53.590		61.71		15.310		49.33	
sec δ, tg δ	1.002		−0.070		3.449		+3.301		1.714		−1.392		1.011		+0.146	
a, a′	+3.0		−16.8		+5.4		−17.1		+2.1		−17.1		+3.2		−17.2	
b, b′	0.00		− 0.54		−0.19		− 0.52		+0.08		− 0.52		−0.01		− 0.51	

*) Bei Stern 378) lies Febr. 20.

Scheinbare Sternörter 1944

Tag	379) η Leonis AR.		379) η Leonis Dekl.		380) α Leonis AR.		380) α Leonis Dekl.		381) λ Hydrae AR.		381) λ Hydrae Dekl.		382) 191 G. Velorum AR.		382) 191 G. Velorum Dekl.	
1944	10h 4m		+17° 1′		10h 5m		+12° 14′		10h 7m		−12° 4′		10h 12m		−41° 50′	
Jan. 1	16.790 s	278	67.08″	115	23.397 s	273	26.97″	138	51.535 s	261	31.84″	238	23.596 s	296	26.03″	309
11	17.068	241	65.93	88	23.670	235	25.59	114	51.796	223	34.22	231	23.892	247	29.12	326
21	17.309	195	65.05	60	23.905	190	24.45	88	52.019	178	36.53	220	24.139	192	32.38	333
31	17.504	145	64.45	31	24.095	142	23.57	60	52.197	131	38.73	203	24.331	134	35.71	332
Febr. 10	17.649	94	64.14	3	24.237	92	22.97	33	52.328	82	40.76	181	24.465	74	39.03	322
20	[22] 17.743	44	64.11	22	[22] 24.329	43	22.64	9	[23] 52.410	34	42.57	157	[24] 24.539	16	42.25	305
29	17.787	4	64.33	42	24.372	4	22.55	14	52.444	10	44.14	132	24.555	37	45.30	282
März 10	17.783	45	64.75	58	24.368	44	22.69	32	52.434	48	45.46	105	24.518	84	48.12	252
20	17.738	79	65.33	70	24.324	77	23.01	46	52.386	81	46.51	78	24.434	124	50.64	219
30	17.659	106	66.03	76	24.247	102	23.47	57	52.305	105	47.29	52	24.310	157	52.83	183
Apr. 9	17.553	124	66.79	79	24.145	121	24.04	63	52.200	123	47.81	28	24.153	181	54.66	144
19	17.429	135	67.58	78	24.024	131	24.67	67	52.077	133	48.09	3	23.972	197	56.10	102
29	17.294	137	68.36	74	23.893	134	25.34	68	51.944	136	48.12	19	23.775	207	57.12	59
Mai 9	17.157	134	69.10	68	23.759	130	26.02	65	51.808	135	47.93	41	23.568	209	57.71	16
19	17.023	124	69.78	59	23.629	121	26.67	62	51.673	128	47.52	61	23.359	205	57.87	27
29	16.899	111	70.37	49	23.508	109	27.29	57	51.545	117	46.91	79	23.154	196	57.60	69
Juni 8	16.788	95	70.86	39	23.399	93	27.86	51	51.428	103	46.12	96	22.958	183	56.91	109
18	16.693	74	71.25	27	23.306	74	28.37	43	51.325	86	45.16	109	22.775	163	55.82	146
28	16.619	53	71.52	15	23.232	53	28.80	35	51.239	67	44.07	121	22.612	141	54.36	178
Juli 8	16.566	29	71.67	2	23.179	31	29.15	25	51.172	46	42.86	127	22.471	113	52.58	207
18	16.537	5	71.69	11	23.148	7	29.40	13	51.126	23	41.59	131	22.358	83	50.51	229
28	16.532	21	71.58	26	23.141	18	29.53	1	51.103	2	40.28	129	22.275	48	48.22	243
Aug. 7	16.553	48	71.32	42	23.159	44	29.54	13	51.105	29	38.99	123	22.227	9	45.79	250
17	16.601	76	70.90	58	23.203	73	29.41	30	51.134	58	37.76	111	22.218	33	43.29	248
27	16.677	107	70.32	76	23.276	102	29.11	48	51.192	89	36.65	94	22.251	78	40.81	237
Sept. 6	16.784	138	69.56	94	23.378	133	28.63	67	51.281	122	35.71	70	22.329	125	38.44	216
16	16.922	170	68.62	113	23.511	164	27.96	89	51.403	155	35.01	42	22.454	172	36.28	186
26	17.092	203	67.49	131	23.675	198	27.07	109	51.558	190	34.59	10	22.626	220	34.42	147
Okt. 6	17.295	235	66.18	148	23.873	230	25.98	129	51.748	223	34.49	25	22.846	265	32.95	102
16	17.530	267	64.70	163	24.103	260	24.69	149	51.971	255	34.74	63	23.111	305	31.93	50
26	17.797	294	63.07	175	24.363	287	23.20	164	52.226	283	35.37	101	23.416	340	31.43	6
Nov. 5	18.091	317	61.32	181	24.650	310	21.56	177	52.509	305	36.38	137	23.756	366	31.49	63
15	18.408	332	59.51	183	24.960	326	19.79	183	52.814	319	37.75	169	24.122	382	32.12	119
25	18.740	340	57.68	180	25.286	333	17.96	185	53.133	325	39.44	196	24.504	386	33.31	172
Dez. 5	19.080	338	55.88	169	25.619	331	16.11	180	53.458	322	41.40	218	24.890	378	35.03	221
15	19.418	325	54.19	153	25.950	318	14.31	169	53.780	308	43.58	232	25.268	356	37.24	262
25	19.743	301	52.66	132	26.268	295	12.62	152	54.088	283	45.90	238	25.624	324	39.86	294
35	20.044		51.34		26.563		11.10		54.371		48.28		25.948		42.80	
Mittl. Ort	16.900		71.46		23.483		30.04		51.405		35.72		22.872		38.02	
sec δ, tg δ	1.046		+0.306		1.023		+0.217		1.023		−0.214		1.342		−0.895	
a, a′	+3.3		−17.5		+3.2		−17.6		+2.9		−17.7		+2.5		−17.9	
b, b′	−0.02		− 0.48		−0.01		− 0.48		+0.01		− 0.47		+0.05		− 0.45	

Tag	384) ζ Leonis AR.		Dekl.		383) λ Ursae maj. AR.		Dekl.		386) μ Ursae maj. AR.		Dekl.		387) 30 H. Ursae maj. AR.		Dekl.	
1944	$10^h\ 13^m$		$+23°\ 41'$		$10^h\ 13^m$		$+43°\ 11'$		$10^h\ 18^m$		$+41°\ 46'$		$10^h\ 20^m$		$+65°\ 50'$	
Jan. 1	s 34.541	296	″ 43.61	90	s 43.406	357	″ 30.91	0	s 59.757	355	″ 44.74	11	s 6.90	58	″ 47.85	89
11	34.837	258	42.71	57	43.763	312	30.91	43	60.112	311	44.63	32	7.48	51	48.74	141
21	35.095	212	42.14	25	44.075	257	31.34	84	60.423	258	44.95	73	7.99	41	50.15	186
31	35.307	162	41.89	6	44.332	194	32.18	120	60.681	198	45.68	110	8.40	32	52.01	224
Febr. 10	35.469	109	41.95	36	44.526	129	33.38	149	60.879	134	46.78	140	8.72	21	54.25	252
20	24 35.578	56	42.31	61	24 44.655	64	34.87	172	26 61.013	70	48.18	164	26 8.93	9	56.77	271
29	35.634	6	42.92	81	44.719	2	36.59	185	61.083	9	49.82	178	9.02	1	59.48	276
März 10	35.640	38	43.73	95	44.721	55	38.44	190	61.092	46	51.60	186	9.01	12	62.24	271
20	35.602	75	44.68	103	44.666	104	40.34	186	61.046	94	53.46	183	8.89	20	64.95	255
30	35.527	105	45.71	106	44.562	142	42.20	174	60.952	133	55.29	173	8.69	28	67.50	229
Apr. 9	35.422	125	46.77	104	44.420	170	43.94	156	60.819	161	57.02	157	8.41	34	69.79	194
19	35.297	138	47.81	97	44.250	189	45.50	132	60.658	180	58.59	134	8.07	38	71.73	154
29	35.159	142	48.78	87	44.061	196	46.82	103	60.478	188	59.93	108	7.69	40	73.27	108
Mai 9	35.017	141	49.65	73	43.865	195	47.85	72	60.290	188	61.01	77	7.29	40	74.35	59
19	34.876	133	50.38	58	43.670	185	48.57	38	60.102	180	61.78	45	6.89	40	74.94	10
29	34.743	120	50.96	42	43.485	170	48.95	5	59.922	166	62.23	12	6.49	38	75.04	39
Juni 8	34.623	104	51.38	25	43.315	149	49.00	28	59.756	146	62.35	20	6.11	34	74.65	87
18	34.519	84	51.63	7	43.166	123	48.72	61	59.610	122	62.15	52	5.77	29	73.78	132
28	34.435	63	51.70	11	43.043	94	48.11	91	59.488	95	61.63	83	5.48	24	72.46	173
Juli 8	34.372	39	51.59	29	42.949	63	47.20	119	59.393	65	60.80	110	5.24	18	70.73	211
18	34.333	14	51.30	46	42.886	29	46.01	146	59.328	33	59.70	137	5.06	12	68.62	242
28	34.319	13	50.84	64	42.857	6	44.55	169	59.295	0	58.33	161	4.94	5	66.20	270
Aug. 7	34.332	40	50.20	81	42.863	43	42.86	190	59.295	36	56.72	182	4.89	2	63.50	291
17	34.372	70	49.39	99	42.906	81	40.96	207	59.331	73	54.90	201	4.91	9	60.59	307
27	34.442	102	48.40	117	42.987	120	38.89	222	59.404	111	52.89	216	5.00	16	57.52	316
Sept. 6	34.544	133	47.23	134	43.107	161	36.67	233	59.515	151	50.73	228	5.16	24	54.36	320
16	34.677	168	45.89	151	43.268	203	34.34	240	59.666	192	48.45	237	5.40	32	51.16	318
26	34.845	203	44.38	165	43.471	244	31.94	243	59.858	234	46.08	242	5.72	38	47.98	309
Okt. 6	35.048	237	42.73	177	43.715	285	29.51	242	60.092	275	43.66	242	6.10	46	44.89	293
16	35.285	270	40.96	187	44.000	325	27.09	235	60.367	314	41.24	236	6.56	52	41.96	269
26	35.555	300	39.09	193	44.325	360	24.74	223	60.681	349	38.88	226	7.08	58	39.27	240
Nov. 5	35.855	324	37.16	194	44.685	390	22.51	204	61.030	380	36.62	209	7.66	62	36.87	203
15	36.179	343	35.22	188	45.075	411	20.47	179	61.410	403	34.53	185	8.28	67	34.84	160
25	36.522	353	33.34	177	45.486	423	18.68	148	61.813	414	32.68	156	8.95	68	33.24	111
Dez. 5	36.875	352	31.57	160	45.909	423	17.20	112	62.227	416	31.12	121	9.63	68	32.13	58
15	37.227	342	29.97	137	46.332	410	16.08	71	62.643	405	29.91	82	10.31	66	31.55	2
25	37.569	319	28.60	110	46.742	384	15.37	29	63.048	380	29.09	40	10.97	62	31.53	53
35	37.888		27.50		47.126		15.08		63.428		28.69		11.59		32.06	
Mittl. Ort	34.729		49.56		43.639		41.32		60.022		54.86		7.04		61.69	
sec δ, tg δ	1.092		+0.439		1.372		+0.939		1.341		+0.894		2.444		+2.230	
a, a′	+3.3		−17.9		+3.6		−17.9		+3.6		−18.1		+4.3		−18.2	
b, b′	−0.03		−0.45		−0.06		−0.45		−0.05		−0.43		−0.13		−0.42	

Tag		391) l Carinae				389) μ Hydrae			
		AR.		Dekl.		AR.		Dekl.	
1944		$10^h\ 23^m$		$-73°\ 44'$		$10^h\ 23^m$		$-16°\ 32'$	
Jan.	1	21.02	61	28.33	301	22.917	273	53.42	251
	11	21.63	50	31.34	338	23.190	236	55.93	249
	21	22.13	37	34.72	364	23.426	193	58.42	241
	31	22.50	23	38.36	381	23.619	145	60.83	227
Febr.	10	22.73	10	42.17	386	23.764	97	63.10	209
	20	22.83	4	46.03	383	23.861	49	65.19	185
	29	[27] 22.79	17	49.86	371	[27] 23.910	3	67.04	160
März	10	22.62	29	53.57	350	23.913	36	68.64	134
	20	22.33	39	57.07	322	23.877	69	69.98	105
	30	21.94	49	60.29	288	23.808	96	71.03	78
Apr.	9	21.45	56	63.17	248	23.712	116	71.81	51
	19	20.89	62	65.65	202	23.596	128	72.32	24
	29	20.27	67	67.67	154	23.468	135	72.56	3
Mai	9	19.60	69	69.21	102	23.333	136	72.53	27
	19	18.91	71	70.23	48	23.197	132	72.26	51
	29	18.20	71	70.71	7	23.065	124	71.75	73
Juni	8	17.49	68	70.64	60	22.941	113	71.02	93
	18	16.81	64	70.04	113	22.828	98	70.09	111
	28	16.17	59	68.91	162	22.730	81	68.98	125
Juli	8	15.58	51	67.29	207	22.649	62	67.73	137
	18	15.07	43	65.22	245	22.587	40	66.36	143
	28	14.64	33	62.77	277	22.547	16	64.93	145
Aug.	7	14.31	21	60.00	298	22.531	12	63.48	142
	17	14.10	8	57.02	311	22.543	40	62.06	132
	27	14.02	4	53.91	313	22.583	72	60.74	116
Sept.	6	14.06	18	50.78	302	22.655	107	59.58	95
	16	14.24	33	47.76	281	22.762	142	58.63	67
	26	14.57	45	44.95	249	22.904	178	57.96	34
Okt.	6	15.02	57	42.46	206	23.082	214	57.62	3
	16	15.59	68	40.40	154	23.296	249	57.65	42
	26	16.27	76	38.86	95	23.545	279	58.07	82
Nov.	5	17.03	82	37.91	31	23.824	304	58.89	122
	15	17.85	85	37.60	36	24.128	322	60.11	158
	25	18.70	85	37.96	102	24.450	330	61.69	191
Dez.	5	19.55	82	38.98	165	24.780	329	63.60	217
	15	20.37	76	40.63	224	25.109	317	65.77	237
	25	21.13	68	42.87	275	25.426	294	68.14	248
	35	21.81		45.62		25.720		70.62	
Mittl. Ort		17.39		46.71		22.806		59.32	
sec δ, tg δ		3.573		−3.430		1.043		−0.297	
a, *a′*		+1.2		−18.3		+2.9		−18.3	
b, *b′*		+0.21		−0.41		+0.02		−0.41	

Tag		392) α Antliae				390) β Leonis min.			
		AR.		Dekl.		AR.		Dekl.	
1944		$10^h\ 24^m$		$-30°\ 46'$		$10^h\ 24^m$		$+36°\ 59'$	
Jan.	1	35.522	286	45.02	285	38.773	339	32.32	38
	11	35.808	245	47.87	295	39.112	299	31.94	3
	21	36.053	198	50.82	297	39.411	250	31.97	43
	31	36.251	147	53.79	291	39.661	194	32.40	80
Febr.	10	36.398	94	56.70	279	39.855	134	33.20	112
	20	36.492	42	59.49	260	39.989	74	34.32	136
	29	[27] 36.534	6	62.09	235	[27] 40.063	18	35.68	155
März	10	36.528	49	64.44	208	40.081	35	37.23	164
	20	36.479	85	66.52	178	40.046	80	38.87	166
	30	36.394	114	68.30	144	39.966	115	40.53	160
Apr.	9	36.280	137	69.74	110	39.851	143	42.13	148
	19	36.143	152	70.84	74	39.708	161	43.61	131
	29	35.991	161	71.58	39	39.547	169	44.92	108
Mai	9	35.830	163	71.97	2	39.378	170	46.00	82
	19	35.667	161	71.99	32	39.208	163	46.82	54
	29	35.506	154	71.67	66	39.045	151	47.36	25
Juni	8	35.352	143	71.01	99	38.894	134	47.61	4
	18	35.209	128	70.02	128	38.760	113	47.57	33
	28	35.081	110	68.74	154	38.647	89	47.24	61
Juli	8	34.971	89	67.20	176	38.558	62	46.63	87
	18	34.882	64	65.44	192	38.496	34	45.76	112
	28	34.818	36	63.52	202	38.462	3	44.64	136
Aug.	7	34.782	4	61.50	205	38.459	29	43.28	157
	17	34.778	29	59.45	201	38.488	63	41.71	176
	27	34.807	66	57.44	189	38.551	99	39.95	193
Sept.	6	34.873	106	55.55	169	38.650	135	38.02	208
	16	34.979	147	53.86	140	38.785	175	35.94	219
	26	35.126	189	52.46	104	38.960	214	33.75	227
Okt.	6	35.315	230	51.42	63	39.174	254	31.48	232
	16	35.545	267	50.79	16	39.428	292	29.16	230
	26	35.812	300	50.63	33	39.720	327	26.86	225
Nov.	5	36.112	327	50.96	83	40.047	356	24.61	212
	15	36.439	345	51.79	131	40.403	379	22.49	194
	25	36.784	353	53.10	177	40.782	392	20.55	170
Dez.	5	37.137	350	54.87	217	41.174	394	18.85	139
	15	37.487	335	57.04	250	41.568	385	17.46	103
	25	37.822	310	59.54	275	41.953	363	16.43	65
	35	38.132		62.29		42.316		15.78	
Mittl. Ort		35.173		55.01		39.064		41.39	
sec δ, tg δ		1.164		−0.596		1.252		+0.753	
a, *a′*		+2.8		−18.3		+3.5		−18.3	
b, *b′*		+0.04		−0.40		−0.05		−0.40	

Tag	393) 196 G. Carinae AR.	393) Dekl.	394) 36 Ursae maj. AR.	394) Dekl.	395) 9 H. Draconis AR.	395) Dekl.	1273) 219 G. Velorum AR.	1273) Dekl.
1944	10h 25m	−58° 26′	10h 27m	+56° 15′	10h 30m	+75° 59′	10h 30m	−46° 42′
	s	″	s	″	s	″	s	″
Jan. 1	50.515 387	54.39 309	3.092 457	53.75 43	23.44 93	53.75 112	35.659 330	37.55 303
11	50.902 323	57.48 340	3.549 402	54.18 93	24.37 83	54.87 166	35.989 281	40.58 326
21	51.225 250	60.88 359	3.951 336	55.11 139	25.20 68	56.53 214	36.270 224	43.84 340
31	51.475 173	64.47 369	4.287 260	56.50 179	25.88 53	58.67 254	36.494 163	47.24 344
Febr. 10	51.648 94	68.16 369	4.547 178	58.29 210	26.41 35	61.21 282	36.657 101	50.68 339
20	27 51.742 17	71.85 360	28 4.725 94	60.39 232	28 26.76 16	64.03 299	28 36.758 40	54.07 327
29	51.759 56	75.45 343	4.819 13	62.71 244	26.92 2	67.02 304	36.798 18	57.34 306
März 10	51.703 121	78.88 318	4.832 63	65.15 245	26.90 19	70.06 296	36.780 70	60.40 281
20	51.582 178	82.06 288	4.769 129	67.60 235	26.71 34	73.02 277	36.710 115	63.21 250
30	51.404 228	84.94 251	4.640 184	69.95 217	26.37 48	75.79 247	36.595 153	65.71 214
Apr. 9	51.176 266	87.45 211	4.456 228	72.12 191	25.89 59	78.26 208	36.442 182	67.85 176
19	50.910 296	89.56 166	4.228 257	74.03 157	25.30 67	80.34 163	36.260 204	69.61 134
29	50.614 317	91.22 119	3.971 273	75.60 118	24.63 72	81.97 113	36.056 218	70.95 91
Mai 9	50.297 329	92.41 69	3.698 278	76.78 77	23.91 74	83.10 58	35.838 226	71.86 46
19	49.968 331	93.10 19	3.420 271	77.55 34	23.17 74	83.68 4	35.612 227	72.32 1
29	49.637 326	93.29 31	3.149 255	77.89 11	22.43 71	83.72 50	35.385 223	72.33 44
Juni 8	49.311 314	92.98 81	2.894 231	77.78 53	21.72 65	83.22 103	35.162 212	71.89 87
18	48.997 292	92.17 128	2.663 201	77.25 95	21.07 59	82.19 152	34.950 196	71.02 128
28	48.705 264	90.89 171	2.462 164	76.30 133	20.48 50	80.67 198	34.754 175	69.74 165
Juli 8	48.441 227	89.18 210	2.298 124	74.97 169	19.98 40	78.69 237	34.579 149	68.09 198
18	48.214 184	87.08 243	2.174 79	73.28 201	19.58 30	76.32 272	34.430 118	66.11 225
28	48.030 134	84.65 268	2.095 33	71.27 229	19.28 18	73.60 300	34.312 82	63.86 245
Aug. 7	47.896 76	81.97 284	2.062 16	68.98 251	19.10 5	70.60 323	34.230 42	61.41 256
17	47.820 14	79.13 291	2.078 67	66.47 270	19.05 7	67.37 338	34.188 4	58.85 260
27	47.806 54	76.22 287	2.145 120	63.77 284	19.12 19	63.99 347	34.192 53	56.25 253
Sept. 6	47.860 124	73.35 274	2.265 175	60.93 292	19.31 33	60.52 349	34.245 105	53.72 237
16	47.984 196	70.61 249	2.440 229	58.01 295	19.64 45	57.03 344	34.350 159	51.35 211
26	48.180 265	68.12 213	2.669 285	55.06 293	20.09 58	53.59 331	34.509 212	49.24 175
Okt. 6	48.445 332	65.99 169	2.954 339	52.13 284	20.67 69	50.28 311	34.721 264	47.49 132
16	48.777 392	64.30 116	3.293 390	49.29 269	21.36 81	47.17 283	34.985 311	46.17 81
26	49.169 441	63.14 58	3.683 437	46.60 246	22.17 90	44.34 248	35.296 352	45.36 26
Nov. 5	49.610 477	62.56 5	4.120 477	44.14 217	23.07 98	41.86 207	35.648 385	45.10 33
15	50.087 500	62.61 69	4.597 506	41.97 182	24.05 105	39.79 158	36.033 405	45.43 92
25	50.587 506	63.30 130	5.103 524	40.15 141	25.10 108	38.21 103	36.438 413	46.35 148
Dez. 5	51.093 494	64.60 190	5.627 528	38.74 93	26.18 108	37.18 46	36.851 408	47.83 201
15	51.587 466	66.50 243	6.155 516	37.81 43	27.26 106	36.72 14	37.259 389	49.84 246
25	52.053 422	68.93 287	6.671 487	37.38 9	28.32 100	36.86 74	37.648 358	52.30 285
35	52.475	71.80	7.158	37.47	29.32	37.60	38.006	55.15
Mittl. Ort	49.091	70.78	3.387	66.46	23.41	68.47	34.899	51.90
sec δ, tg δ	1.911	−1.629	1.801	+1.498	4.134	+4.012	1.458	−1.062
a, *a′*	+2.2	−18.4	+3.9	−18.4	+5.1	−18.5	+2.5	−18.5
b, *b′*	+0.10	− 0.40	−0.09	− 0.39	−0.25	− 0.38	+0.07	− 0.38

Tag	404) 33 Sextantis				406) ϑ Carinae				407) 42 Leonis min.				409) 53 Leonis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	$10^h\ 38^m$		$-1°\ 26'$		$10^h\ 40^m$		$-64°\ 5'$		$10^h\ 42^m$		$+30°\ 58'$		$10^h\ 46^m$		$+10°\ 50'$	
	s		"		s		"		s		"		s		"	
Jan. 1	33.075	282	46.05	203	58.95	47	43.53	295	44.944	331	32.61	78	18.595	296	29.63	161
11	33.357	250	48.08	189	59.42	39	46.48	330	45.275	296	31.83	40	18.891	264	28.02	137
21	33.607	210	49.97	171	59.81	31	49.78	356	45.571	252	31.43	0	19.155	225	26.65	109
31	33.817	165	51.68	149	60.12	23	53.34	371	45.823	202	31.43	37	19.380	180	25.56	81
Febr. 10	33.982	117	53.17	124	60.35	13	57.05	377	46.025	147	31.80	71	19.560	132	24.75	51
20	34.099	71	54.41	99	60.48	5	60.82	373	46.172	92	32.51	99	19.692	85	24.24	24
März 1	34.170	27	55.40	73	[2] 60.53	5	64.55	361	46.264	39	33.50	122	19.777	38	24.00	2
10	[1] 34.197	13	56.13	49	60.48	12	68.16	341	[3] 46.303	11	34.72	137	[3] 19.815	4	24.02	24
20	34.184	48	56.62	27	60.36	19	71.57	314	46.292	53	36.09	146	19.811	39	24.26	42
30	34.136	75	56.89	6	60.17	25	74.71	280	46.239	88	37.55	146	19.772	69	24.68	56
Apr. 9	34.061	96	56.95	11	59.92	30	77.51	242	46.151	116	39.01	140	19.703	92	25.24	65
19	33.965	110	56.84	27	59.62	35	79.93	198	46.035	134	40.41	129	19.611	108	25.89	71
29	33.855	118	56.57	40	59.27	37	81.91	152	45.901	145	41.70	113	19.503	117	26.60	73
Mai 9	33.737	121	56.17	51	58.90	40	83.43	102	45.756	149	42.83	93	19.386	119	27.33	73
19	33.616	118	55.66	61	58.50	41	84.45	51	45.607	146	43.76	71	19.267	119	28.06	70
29	33.498	111	55.05	68	58.09	41	84.96	2	45.461	139	44.47	47	19.148	112	28.76	65
Juni 8	33.387	102	54.37	74	57.68	40	84.94	53	45.322	126	44.94	21	19.036	103	29.41	59
18	33.285	90	53.63	78	57.28	38	84.41	104	45.196	110	45.15	4	18.933	91	30.00	51
28	33.195	74	52.85	79	56.90	35	83.37	151	45.086	90	45.11	29	18.842	77	30.51	41
Juli 8	33.121	57	52.06	79	56.55	31	81.86	194	44.996	69	44.82	54	18.765	59	30.92	31
18	33.064	38	51.27	75	56.24	26	79.92	231	44.927	46	44.28	78	18.706	40	31.23	19
28	33.026	17	50.52	69	55.98	21	77.61	261	44.881	19	43.50	101	18.666	18	31.42	5
Aug. 7	33.009	7	49.83	58	55.77	14	75.00	284	44.862	8	42.49	123	18.648	5	31.47	10
17	33.016	34	49.25	45	55.63	6	72.16	296	44.870	40	41.26	144	18.653	31	31.37	28
27	33.050	63	48.80	28	55.57	2	69.20	298	44.910	72	39.82	164	18.684	59	31.09	46
Sept. 6	33.113	94	48.52	7	55.59	10	66.22	290	44.982	107	38.18	181	18.743	91	30.63	67
16	33.207	128	48.45	17	55.69	19	63.32	269	45.089	144	36.37	198	18.834	125	29.96	90
26	33.335	163	48.62	45	55.88	28	60.63	238	45.233	183	34.39	210	18.959	160	29.06	111
Okt. 6	33.498	198	49.07	74	56.16	37	58.25	198	45.416	221	32.29	220	19.119	196	27.95	134
16	33.696	233	49.81	103	56.53	43	56.27	147	45.637	260	30.09	226	19.315	231	26.61	155
26	33.929	264	50.84	131	56.96	50	54.80	90	45.897	296	27.83	226	19.546	264	25.06	172
Nov. 5	34.193	292	52.15	157	57.46	55	53.90	28	46.193	327	25.57	222	19.810	293	23.34	188
15	34.485	312	53.72	180	58.01	57	53.62	36	46.520	352	23.35	210	20.103	316	21.46	198
25	34.797	324	55.52	197	58.58	59	53.98	101	46.872	368	21.25	192	20.419	330	19.48	201
Dez. 5	35.121	327	57.49	208	59.17	58	54.99	163	47.240	374	19.33	168	20.749	335	17.47	199
15	35.448	319	59.57	212	59.75	55	56.62	219	47.614	369	17.65	138	21.084	331	15.48	190
25	35.767	302	61.69	209	60.30	50	58.81	269	47.983	352	16.27	103	21.415	314	13.58	174
35	36.069		63.78		60.80		61.50		48.335		15.24		21.729		11.84	
Mittl. Ort	33.215		47.97		57.23		61.98		45.317		40.08		18.875		31.29	
sec δ, tg δ	1.000		−0.025		2.289		−2.059		1.166		+0.600		1.018		+0.192	
a, a′	+3.1		−18.8		+2.1		−18.9		+3.3		−18.9		+3.2		−19.0	
b, b′	0.00		− 0.35		+0.13		− 0.34		−0.04		− 0.33		−0.01		− 0.32	

Tag		415) 239 G. Velorum AR.		415) Dekl.		416) β Ursae maj. AR.		416) Dekl.		417) α Ursae maj. AR.		417) Dekl.		418) χ Leonis AR.		418) Dekl.	
1944		10h 57m		−41° 55′		10h 58m		+56° 40′		11h 0m		+62° 2′		11h 2m		+7° 38′	
Jan.	1	35.126	339	15.75	282	27.967	485	46.04	8	16.75	55	59.84	26	7.387	300	20.67	177
	11	35.465	298	18.57	305	28.452	440	46.12	62	17.30	50	60.10	82	7.687	271	18.90	156
	21	35.763	249	21.62	319	28.892	381	46.74	114	17.80	44	60.92	134	7.958	234	17.34	131
	31	36.012	195	24.81	324	29.273	310	47.88	160	18.24	35	62.26	180	8.192	191	16.03	103
Febr.	10	36.207	139	28.05	322	29.583	232	49.48	198	18.59	27	64.06	219	8.383	145	15.00	74
	20	36.346	83	31.27	311	29.815	150	51.46	227	18.86	17	66.25	248	8.528	98	14.26	46
März	1	36.429	28	34.38	293	29.965	67	53.73	245	19.03	7	68.73	265	8.626	53	13.80	20
	10	36.457	21	37.31	271	30.032	10	56.18	254	19.10	1	71.38	272	8.679	12	13.60	4
	20	36.436	65	40.02	243	30.022	81	58.72	251	19.09	10	74.10	266	8.691	25	13.64	25
	30	36.371	102	42.45	212	29.941	143	61.23	239	18.99	18	76.76	251	8.666	55	13.89	40
Apr.	9	36.269	133	44.57	177	29.798	193	63.62	216	18.81	23	79.27	226	8.611	80	14.29	53
	19	36.136	156	46.34	139	29.605	231	65.78	187	18.58	28	81.53	193	8.531	96	14.82	62
	29	35.980	174	47.73	100	29.374	257	67.65	151	18.30	32	83.46	154	8.435	108	15.44	68
Mai	9	35.806	186	48.73	59	29.117	271	69.16	111	17.98	33	85.00	109	8.327	114	16.12	70
	19	35.620	191	49.32	18	28.846	274	70.27	67	17.65	34	86.09	63	8.213	115	16.82	70
	29	35.429	192	49.50	23	28.572	267	70.94	23	17.31	33	86.72	14	8.098	112	17.52	68
Juni	8	35.237	187	49.27	64	28.305	253	71.17	23	16.98	31	86.86	34	7.986	105	18.20	64
	18	35.050	179	48.63	102	28.052	230	70.94	68	16.67	29	86.52	81	7.881	96	18.84	59
	28	34.871	164	47.61	137	27.822	201	70.26	109	16.38	26	85.71	125	7.785	84	19.43	52
Juli	8	34.707	146	46.24	169	27.621	168	69.17	149	16.12	21	84.46	168	7.701	69	19.95	43
	18	34.561	123	44.55	196	27.453	129	67.68	186	15.91	17	82.78	205	7.632	53	20.38	32
	28	34.438	93	42.59	216	27.324	86	65.82	218	15.74	11	80.73	239	7.579	33	20.70	21
Aug.	7	34.345	60	40.43	229	27.238	40	63.64	247	15.63	6	78.34	268	7.546	11	20.91	6
	17	34.285	22	38.14	235	27.198	8	61.17	270	15.57	1	75.66	292	7.535	14	20.97	11
	27	34.263	21	35.79	232	27.206	61	58.47	290	15.56	6	72.74	310	7.549	43	20.86	29
Sept.	6	34.284	69	33.47	219	27.267	116	55.57	303	15.62	12	69.64	323	7.592	73	20.57	50
	16	34.353	119	31.28	197	27.383	174	52.54	311	15.74	19	66.41	328	7.665	107	20.07	73
	26	34.472	170	29.31	167	27.557	232	49.43	314	15.93	26	63.13	329	7.772	142	19.34	97
Okt.	6	34.642	221	27.64	128	27.789	290	46.29	309	16.19	33	59.84	322	7.914	180	18.37	120
	16	34.863	270	26.36	81	28.079	348	43.20	298	16.52	39	56.62	307	8.094	217	17.17	144
	26	35.133	313	25.55	31	28.427	402	40.22	280	16.91	45	53.55	285	8.311	252	15.73	166
Nov.	5	35.446	350	25.24	23	28.829	450	37.42	253	17.36	51	50.70	255	8.563	282	14.07	183
	15	35.796	376	25.47	79	29.279	489	34.89	220	17.87	56	48.15	218	8.845	307	12.24	197
	25	36.172	392	26.26	132	29.768	516	32.69	180	18.43	58	45.97	174	9.152	325	10.27	205
Dez.	5	36.564	394	27.58	182	30.284	531	30.89	133	19.01	61	44.23	124	9.477	332	8.22	206
	15	36.958	384	29.40	227	30.815	528	29.56	82	19.62	60	42.99	69	9.809	330	6.16	201
	25	37.342	361	31.67	264	31.343	510	28.74	27	20.22	58	42.30	13	10.139	317	4.15	190
	35	37.703		34.31		31.853		28.47		20.80		42.17		10.456		2.25	
Mittl. Ort		34.742		30.61		28.517		58.87		17.32		73.45		7.727		20.92	
sec δ, tg δ		1.344		−0.898		1.821		+1.521		2.134		+1.885		1.009		+0.134	
a, *a′*		+2.8		−19.3		+3.6		−19.3		+3.7		−19.4		+3.1		−19.4	
b, *b′*		+0.06		−0.27		−0.10		−0.27		−0.12		−0.26		−0.01		−0.25	

Tag	420) ψ Ursae maj. AR.		Dekl.		421) β Crateris AR.		Dekl.		422) δ Leonis AR.		Dekl.		423) θ Leonis AR.		Dekl.	
1944	11h 6m		+44° 47′		11h 8m		−22° 31′		11h 11m		+20° 49′		11h 11m		+15° 43′	
	s		″		s		″		s		″		s		″	
Jan. 1	30.780	398	59.33	45	53.955	306	1.31	253	7.468	322	46.82	137	17.729	314	66.88	154
11	31.178	364	58.88	4	54.261	276	3.84	260	7.790	294	45.45	104	18.043	285	65.34	126
21	31.542	317	58.92	53	54.537	237	6.44	261	8.084	256	44.41	69	18.328	250	64.08	94
31	31.859	262	59.45	97	54.774	192	9.05	254	8.340	213	43.72	33	18.578	207	63.14	61
Febr. 10	32.121	201	60.42	137	54.966	145	11.59	240	8.553	165	43.39	1	18.785	160	62.53	29
20	32.322	136	61.79	169	55.111	98	13.99	223	8.718	116	43.40	33	18.945	112	62.24	2
März 1	[9] 32.458	72	63.48	193	[9] 55.209	52	16.22	201	[10] 8.834	68	43.73	60	[10] 19.057	65	62.26	29
10	32.530	12	65.41	207	55.261	10	18.23	176	8.902	22	44.33	82	19.122	22	62.55	53
20	32.542	43	67.48	212	55.271	27	19.99	149	8.924	17	45.15	99	19.144	16	63.08	70
30	32.499	90	69.60	208	55.244	59	21.48	123	8.907	52	46.14	108	19.128	49	63.78	84
Apr. 9	32.409	128	71.68	195	55.185	84	22.71	94	8.855	79	47.22	113	19.079	76	64.62	91
19	32.281	157	73.63	176	55.101	103	23.65	65	8.776	99	48.35	112	19.003	94	65.53	94
29	32.124	178	75.39	149	54.998	117	24.30	38	8.677	114	49.47	107	18.909	108	66.47	93
Mai 9	31.946	188	76.88	119	54.881	126	24.68	9	8.563	121	50.54	97	18.801	116	67.40	88
19	31.758	191	78.07	84	54.755	130	24.77	18	8.442	123	51.51	84	18.685	117	68.28	81
29	31.567	188	78.91	48	54.625	131	24.59	44	8.319	121	52.35	69	18.568	116	69.09	70
Juni 8	31.379	178	79.39	11	54.494	127	24.15	69	8.198	115	53.04	53	18.452	111	69.79	58
18	31.201	163	79.50	27	54.367	120	23.46	91	8.083	106	53.57	34	18.341	101	70.37	45
28	31.038	143	79.23	63	54.247	111	22.55	112	7.977	94	53.91	15	18.240	90	70.82	30
Juli 8	30.895	120	78.60	99	54.136	97	21.43	129	7.883	79	54.06	4	18.150	76	71.12	14
18	30.775	93	77.61	132	54.039	81	20.14	143	7.804	61	54.02	25	18.074	60	71.26	2
28	30.682	64	76.29	163	53.958	60	18.71	150	7.743	41	53.77	45	18.014	40	71.24	20
Aug. 7	30.618	30	74.66	190	53.898	36	17.21	154	7.702	18	53.32	67	17.974	18	71.04	38
17	30.588	6	72.76	216	53.862	9	15.67	151	7.684	8	52.65	87	17.956	7	70.66	58
27	30.594	45	70.60	238	53.853	24	14.16	141	7.692	37	51.78	108	17.963	36	70.08	79
Sept. 6	30.639	86	68.22	255	53.877	59	12.75	125	7.729	69	50.70	130	17.999	66	69.29	100
16	30.725	132	65.67	270	53.936	98	11.50	102	7.798	104	49.40	151	18.065	101	68.29	121
26	30.857	179	62.97	278	54.034	139	10.48	73	7.902	141	47.89	170	18.166	138	67.08	143
Okt. 6	31.036	226	60.19	282	54.173	181	9.75	38	8.043	180	46.19	188	18.304	176	65.65	163
16	31.262	273	57.37	280	54.354	222	9.37	0	8.223	220	44.31	202	18.480	214	64.02	181
26	31.535	319	54.57	272	54.576	260	9.37	42	8.443	256	42.29	214	18.694	251	62.21	197
Nov. 5	31.854	360	51.85	256	54.836	293	9.79	85	8.699	290	40.15	221	18.945	284	60.24	208
15	32.214	393	49.29	233	55.129	319	10.64	126	8.989	319	37.94	220	19.229	311	58.16	213
25	32.607	418	46.96	203	55.448	337	11.90	165	9.308	338	35.74	215	19.540	330	56.03	212
Dez. 5	33.025	431	44.93	167	55.785	344	13.55	198	9.646	349	33.59	202	19.870	341	53.91	206
15	33.456	431	43.26	124	56.129	339	15.53	225	9.995	349	31.57	182	20.211	341	51.85	192
25	33.887	418	42.02	77	56.468	324	17.78	246	10.344	338	29.75	157	20.552	329	49.93	171
35	34.305		41.25		56.792		20.24		10.682		28.18		20.881		48.22	
Mittl. Ort	31.352		69.88		54.029		11.13		7.944		50.99		18.174		69.48	
sec δ, tg δ	1.409		+0.993		1.083		−0.415		1.070		+0.380		1.039		+0.282	
a, a′	+3.4		−19.5		+3.0		−19.5		+3.2		−19.6		+3.2		−19.6	
b, b′	−0.06		−0.23		+0.03		−0.22		−0.02		−0.21		−0.02		−0.21	

Obere Kulmination Greenwich

Tag	425) ν Ursae maj. AR.		425) Dekl.		426) δ Crateris AR.		426) Dekl.		427) σ Leonis AR.		427) Dekl.		428) π Centauri AR.		428) Dekl.	
1944	11h 15m		+33° 23′		11h 16m		−14° 28′		11h 18m		+6° 19′		11h 18m		−54° 10′	
Jan. 1	26.927 s	354	52.78 "	96	32.078 s	304	23.31 "	235	14.509 s	307	72.14 "	185	27.339 s	418	42.83 "	265
11	27.281	325	51.82	52	32.382	276	25.66	236	14.816	280	70.29	166	27.757	374	45.48	301
21	27.606	286	51.30	10	32.658	239	28.02	230	15.096	245	68.63	142	28.131	318	48.49	327
31	27.892	238	51.20	33	32.897	197	30.32	217	15.341	204	67.21	114	28.449	255	51.76	343
Febr. 10	28.130	186	51.53	72	33.094	153	32.49	200	15.545	160	66.07	85	28.704	188	55.19	351
20	28.316	132	52.25	106	33.247	107	34.49	178	15.705	115	65.22	57	28.892	122	58.70	350
März 1	28.448	77	53.31	132	33.354	62	36.27	155	15.820	69	64.65	29	29.014	56	62.20	340
11	11 28.525	26	54.63	153	11 33.416	22	37.82	130	12 15.889	28	64.36	4	12 29.070	5	65.60	324
20	28.551	20	56.16	164	33.438	15	39.12	105	15.917	8	64.32	17	29.065	62	68.84	302
30	28.531	59	57.80	168	33.423	46	40.17	80	15.909	40	64.49	34	29.003	111	71.86	273
Apr. 9	28.472	92	59.48	164	33.377	70	40.97	55	15.869	66	64.83	49	28.892	154	74.59	239
19	28.380	117	61.12	154	33.307	90	41.52	32	15.803	85	65.32	59	28.738	190	76.98	201
29	28.263	134	62.66	139	33.217	104	41.84	8	15.718	98	65.91	66	28.548	219	78.99	161
Mai 9	28.129	144	64.05	117	33.113	112	41.92	12	15.620	107	66.57	69	28.329	241	80.60	117
19	27.985	147	65.22	93	33.001	117	41.80	33	15.513	110	67.26	71	28.088	256	81.77	70
29	27.838	146	66.15	67	32.884	118	41.47	52	15.403	109	67.97	70	27.832	265	82.47	24
Juni 8	27.692	140	66.82	38	32.766	115	40.95	69	15.294	106	68.67	66	27.567	267	82.71	23
18	27.552	130	67.20	8	32.651	110	40.26	85	15.188	99	69.33	62	27.300	262	82.48	70
28	27.422	115	67.28	21	32.541	101	39.41	97	15.089	90	69.95	56	27.038	251	81.78	114
Juli 8	27.307	98	67.07	49	32.440	89	38.44	108	14.999	78	70.51	47	26.787	232	80.64	155
18	27.209	78	66.58	78	32.351	75	37.36	115	14.921	63	70.98	38	26.555	206	79.09	192
28	27.131	55	65.80	106	32.276	56	36.21	118	14.858	46	71.36	26	26.349	172	77.17	222
Aug. 7	27.076	29	64.74	132	32.220	35	35.03	116	14.812	25	71.62	12	26.177	130	74.95	246
17	27.047	0	63.42	156	32.185	9	33.87	109	14.787	1	71.74	5	26.047	82	72.49	261
27	27.047	33	61.86	179	32.176	20	32.78	98	14.786	26	71.69	23	25.965	26	69.88	266
Sept. 6	27.080	68	60.07	200	32.196	53	31.80	81	14.812	56	71.46	44	25.939	35	67.22	263
16	27.148	107	58.07	218	32.249	90	30.99	57	14.868	91	71.02	67	25.974	101	64.59	249
26	27.255	148	55.89	233	32.339	128	30.42	30	14.959	127	70.35	91	26.075	168	62.10	224
Okt. 6	27.403	190	53.56	245	32.467	169	30.12	2	15.086	166	69.44	115	26.243	236	59.86	189
16	27.593	233	51.11	251	32.636	208	30.14	37	15.252	204	68.29	140	26.479	300	57.97	145
26	27.826	274	48.60	253	32.844	246	30.51	73	15.456	240	66.89	163	26.779	358	56.52	94
Nov. 5	28.100	311	46.07	248	33.090	280	31.24	110	15.696	273	65.26	182	27.137	407	55.58	39
15	28.411	343	43.59	236	33.370	307	32.34	145	15.969	301	63.44	197	27.544	444	55.19	21
25	28.754	366	41.23	218	33.677	325	33.79	175	16.270	321	61.47	207	27.988	467	55.40	81
Dez. 5	29.120	379	39.05	192	34.002	334	35.54	202	16.591	331	59.40	211	28.455	475	56.21	139
15	29.499	381	37.13	160	34.336	332	37.56	221	16.922	332	57.29	207	28.930	466	57.60	193
25	29.880	371	35.53	123	34.668	320	39.77	233	17.254	321	55.22	197	29.396	443	59.53	242
35	30.251		34.30		34.988		42.10		17.575		53.25		29.839		61.95	
Mittl. Ort	27.500		60.46		32.299		30.85		14.926		71.52		26.736		61.78	
sec δ, tg δ	1.198		+0.659		1.033		−0.258		1.006		+0.111		1.709		−1.386	
a, *a*′	+3.2		−19.7		+3.0		−19.7		+3.1		−19.7		+2.7		−19.7	
b, *b*′	−0.04		− 0.19		+0.02		− 0.19		−0.01		− 0.18		+0.09		− 0.18	

Scheinbare Sternörter 1944

Tag		429) Grb 1771 U Maj				433) λ Draconis				434) ξ Hydrae				436) λ Centauri			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944		11ʰ 19ᵐ		+64° 37′		11ʰ 28ᵐ		+69° 37′		11ʰ 30ᵐ		−31° 32′		11ʰ 33ᵐ		−62° 42′	
		s		″		s		″		s		″		s		″	
Jan.	1	31.90	62	60.03	10	5.24	73	70.95	14	14.471	333	37.34	253	12.08	52	13.56	244
	11	32.52	56	60.13	69	5.97	69	71.09	76	14.804	303	39.87	271	12.60	47	16.00	286
	21	33.08	50	60.82	125	6.66	61	71.85	133	15.107	264	42.58	281	13.07	41	18.86	320
	31	33.58	41	62.07	175	7.27	51	73.18	185	15.371	221	45.39	283	13.48	33	22.06	345
Febr.	10	33.99	33	63.82	218	7.78	40	75.03	229	15.592	172	48.22	277	13.81	25	25.51	360
	20	34.32	22	66.00	250	8.18	28	77.32	262	15.764	123	50.99	266	14.06	17	29.11	365
März	1	34.54	12	68.50	271	8.46	16	79.94	285	15.887	76	53.65	249	14.23	9	32.76	364
	11	12 34.66	2	71.21	282	14 8.62	4	82.79	295	15 15.963	$\underline{31}$	56.14	227	15 14.32	1	36.40	352
	20	34.68	$\overline{8}$	74.03	280	8.66	$\overline{8}$	85.74	293	15.994	10	58.41	203	14.33	$\overline{6}$	39.92	334
	30	34.60	15	76.83	267	8.58	19	88.67	279	15.984	44	60.44	175	14.27	12	43.26	310
Apr.	9	34.45	23	79.50	244	8.39	28	91.46	256	15.940	75	62.19	147	14.15	19	46.36	279
	19	34.22	29	81.94	213	8.11	35	94.02	223	15.865	98	63.66	115	13.96	23	49.15	243
	29	33.93	33	84.07	174	7.76	42	96.25	182	15.767	117	64.81	83	13.73	28	51.58	203
Mai	9	33.60	36	85.81	130	7.34	45	98.07	136	15.650	131	65.64	51	13.45	31	53.61	159
	19	33.24	37	87.11	82	6.89	48	99.43	86	15.519	141	66.15	$\underline{18}$	13.14	34	55.20	111
	29	32.87	38	87.93	33	6.41	48	100.29	34	15.378	146	66.33	15	12.80	36	56.31	62
Juni	8	32.49	36	88.26	$\overline{18}$	5.93	48	100.63	$\overline{18}$	15.232	147	66.18	46	12.44	36	56.93	11
	18	32.13	34	88.08	67	5.45	45	100.45	71	15.085	144	65.72	77	12.08	37	57.04	$\overline{39}$
	28	31.79	31	87.41	115	5.00	41	99.74	120	14.941	138	64.95	105	11.71	35	56.65	89
Juli	8	31.48	27	86.26	159	4.59	37	98.54	168	14.803	128	63.90	130	11.36	34	55.76	135
	18	31.21	23	84.67	201	4.22	32	96.86	210	14.675	113	62.60	152	11.02	31	54.41	178
	28	30.98	17	82.66	237	3.90	26	94.76	249	14.562	94	61.08	168	10.71	26	52.63	216
Aug.	7	30.81	12	80.29	270	3.64	18	92.27	282	14.468	70	59.40	179	10.45	22	50.47	246
	17	30.69	6	77.59	297	3.46	10	89.45	311	14.398	40	57.61	183	10.23	15	48.01	268
	27	30.63	$\overline{1}$	74.62	318	3.36	$\underline{3}$	86.34	332	14.358	$\underline{7}$	55.78	180	10.08	8	45.33	281
Sept.	6	30.64	9	71.44	333	3.33	6	83.02	348	14.351	33	53.98	170	10.00	0	42.52	285
	16	30.73	15	68.11	342	3.39	16	79.54	356	14.384	76	52.28	151	10.00	8	39.67	276
	26	30.88	23	64.69	344	3.55	24	75.98	358	14.460	122	50.77	124	10.08	17	36.91	257
Okt.	6	31.11	31	61.25	339	3.79	34	72.40	352	14.582	169	49.53	92	10.25	26	34.34	227
	16	31.42	39	57.86	326	4.13	44	68.88	337	14.751	216	48.61	52	10.51	34	32.07	187
	26	31.81	45	54.60	305	4.57	52	65.51	315	14.967	259	48.09	9	10.85	42	30.20	138
Nov.	5	32.26	52	51.55	276	5.09	60	62.36	284	15.226	298	48.00	$\overline{38}$	11.27	48	28.82	83
	15	32.78	57	48.79	239	5.69	67	59.52	245	15.524	330	48.38	85	11.75	53	27.99	$\underline{22}$
	25	33.35	62	46.40	195	6.36	73	57.07	199	15.854	352	49.23	130	12.28	57	27.77	40
Dez.	5	33.97	64	44.45	144	7.09	76	55.08	145	16.206	362	50.53	173	12.85	58	28.17	102
	15	34.61	65	43.01	89	7.85	77	53.63	87	16.568	362	52.26	210	13.43	57	29.19	160
	25	35.26	64	42.12	29	8.62	76	52.76	26	16.930	349	54.36	240	14.00	54	30.79	216
	35	35.90		41.83		9.38		52.50		17.279		56.76		14.54		32.95	
Mittl. Ort		32.679		73.92		6.16		85.34		14.559		50.90		11.23		34.97	
sec δ, tg δ		2.335		+2.110		2.874		+2.695		1.173		−0.614		2.181		−1.938	
a, *a′*		+3.6		−19.7		+3.6		−19.8		+3.0		−19.9		+2.8		−19.9	
b, *b′*		−0.14		−0.18		−0.18		−0.14		+0.04		−0.13		+0.13		−0.12	

Tag		437) υ Leonis AR.		437) υ Leonis Dekl.		440) 3 Draconis AR.		440) 3 Draconis Dekl.		441) χ Ursae maj. AR.		441) χ Ursae maj. Dekl.		444) β Leonis AR.		444) β Leonis Dekl.	
1944		11h 34m		−0° 30′		11h 39m		+67° 2′		11h 43m		+48° 4′		11h 46m		+14° 52′	
Jan.	1	4.370 s	310	48.47″	206	20.96 s	67	63.76″	9	5.175 s	433	73.07″	74	11.616 s	323	64.99″	172
	11	4.680	285	50.53	193	21.63	63	63.67	53	5.608	405	72.33	19	11.939	303	63.27	145
	21	4.965	253	52.46	174	22.26	57	64.20	112	6.013	365	72.14	35	12.242	271	61.82	114
	31	5.218	214	54.20	152	22.83	49	65.32	165	6.378	315	72.49	85	12.513	234	60.68	79
Febr.	10	5.432	172	55.72	127	23.32	39	66.97	212	6.693	256	73.34	132	12.747	191	59.89	43
	20	5.604	128	56.99	100	23.71	28	69.09	249	6.949	192	74.66	171	12.938	145	59.46	11
März	1	5.732	84	57.99	73	23.99	18	71.58	275	7.141	126	76.37	202	13.083	100	59.35	19
	11	[16] 5.816	43	58.72	47	[17] 24.17	6	74.33	288	[18] 7.267	62	78.39	222	[19] 13.183	58	59.54	46
	20	5.859	7	59.19	24	24.23	4	77.21	291	7.329	2	80.61	234	13.241	18	60.00	68
	30	5.866	25	59.43	3	24.19	14	80.12	281	7.331	52	82.95	234	13.259	17	60.68	83
Apr.	9	5.841	51	59.46	15	24.05	22	82.93	261	7.279	98	85.29	226	13.242	45	61.51	95
	19	5.790	72	59.31	30	23.83	29	85.54	231	7.181	137	87.55	208	13.197	70	62.46	100
	29	5.718	87	59.01	42	23.54	34	87.85	194	7.044	166	89.63	184	13.127	86	63.46	100
Mai	9	5.631	98	58.59	52	23.20	39	89.79	151	6.878	186	91.47	153	13.041	100	64.46	98
	19	5.533	103	58.07	59	22.81	41	91.30	103	6.692	200	93.00	118	12.941	108	65.44	91
	29	5.430	107	57.48	65	22.40	42	92.33	53	6.492	204	94.18	79	12.833	112	66.35	81
Juni	8	5.323	106	56.83	68	21.98	42	92.86	1	6.288	203	94.97	39	12.721	112	67.16	69
	18	5.217	102	56.15	70	21.56	40	92.87	51	6.085	196	95.36	2	12.609	109	67.85	55
	28	5.115	96	55.45	69	21.16	37	92.36	101	5.889	183	95.34	44	12.500	103	68.40	41
Juli	8	5.019	86	54.76	67	20.79	34	91.35	148	5.706	166	94.90	84	12.397	95	68.81	24
	18	4.933	74	54.09	62	20.45	30	89.87	192	5.540	144	94.06	122	12.302	83	69.05	5
	28	4.859	60	53.47	56	20.15	24	87.95	232	5.396	117	92.84	159	12.219	69	69.10	12
Aug.	7	4.799	40	52.91	45	19.91	19	85.63	268	5.279	87	91.25	193	12.150	50	68.98	32
	17	4.759	18	52.46	32	19.72	11	82.95	298	5.192	51	89.32	223	12.100	28	68.66	53
	27	4.741	9	52.14	15	19.61	5	79.97	322	5.141	13	87.09	249	12.072	2	68.13	75
Sept.	6	4.750	40	51.99	4	19.56	3	76.75	341	5.128	31	84.60	272	12.070	29	67.38	98
	16	4.790	74	52.03	26	19.59	11	73.34	352	5.159	78	81.88	291	12.099	63	66.40	119
	26	4.864	110	52.29	52	19.70	19	69.82	357	5.237	129	78.97	303	12.162	100	65.21	144
Okt.	6	4.974	150	52.81	79	19.89	28	66.25	354	5.366	182	75.94	310	12.262	141	63.77	165
	16	5.124	190	53.60	106	20.17	37	62.71	344	5.548	236	72.84	311	12.403	181	62.12	185
	26	5.314	228	54.66	134	20.54	45	59.27	324	5.784	289	69.73	305	12.584	221	60.27	202
Nov.	5	5.542	264	56.00	159	20.99	52	56.03	296	6.073	338	66.68	291	12.805	260	58.25	215
	15	5.806	293	57.59	182	21.51	59	53.07	261	6.411	381	63.77	269	13.065	292	56.10	224
	25	6.099	315	59.41	198	22.10	65	50.46	218	6.792	416	61.08	239	13.357	317	53.86	226
Dez.	5	6.414	328	61.39	210	22.75	68	48.28	166	7.208	440	58.69	201	13.674	334	51.60	220
	15	6.742	331	63.49	215	23.43	70	46.62	109	7.648	450	56.68	157	14.008	340	49.40	208
	25	7.073	322	65.64	212	24.13	69	45.53	49	8.098	446	55.11	108	14.348	336	47.32	190
	35	7.395		67.76		24.82		45.04		8.544		54.03		14.684		45.42	
Mittl. Ort		4.823		51.87		21.98		77.80		6.019		83.94		12.247		66.51	
sec δ, tg δ		1.000		−0.009		2.565		+2.362		1.497		+1.114		1.035		+0.266	
a, a′		+3.1		−19.9		+3.4		−20.0		+3.2		−20.0		+3.1		−20.0	
b, b′		0.00		− 0.11		−0.16		− 0.09		−0.07		− 0.07		−0.02		− 0.06	

Tag		445) β Virginis[1]				447) γ Ursae maj.				450) ο Virginis				452) δ Centauri			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944		$11^h\ 47^m$		$+2°\ 4'$		$11^h\ 50^m$		$+53°\ 59'$		$12^h\ 2^m$		$+9°\ 2'$		$12^h\ 5^m$		$-50°\ 24'$	
Jan.	1	$46^s.089$	316	$52''.16$	202	$52^s.667$	482	$70''.15$	64	$20^s.689$	322	$39''.26$	191	$26^s.740$	431	$17''.71$	222
	11	46.405	295	50.14	187	53.149	455	69.51	6	21.011	304	37.35	169	27.171	399	19.93	260
	21	46.700	264	48.27	167	53.604	413	69.45	51	21.315	276	35.66	142	27.570	359	22.53	289
	31	46.964	226	46.60	142	54.017	358	69.96	104	21.591	240	34.24	112	27.929	309	25.42	309
Febr.	10	47.190	185	45.18	114	54.375	295	71.00	153	21.831	201	33.12	80	28.238	253	28.51	323
	20	47.375	142	44.04	86	54.670	224	72.53	193	22.032	158	32.32	48	28.491	196	31.74	326
März	1	47.517	100	43.18	59	54.894	150	74.46	225	22.190	115	31.84	17	28.687	138	35.00	323
	11	47.617	58	42.59	32	55.044	78	76.71	246	22.305	74	31.67	10	28.825	81	38.23	314
	20*)	19 47.675	20	42.27	9	20 55.122	9	79.17	256	23 22.379	35	31.77	33	24 28.906	28	41.37	297
	30	47.695	11	42.18	12	55.131	55	81.73	255	22.414	1	32.10	53	28.934	21	44.34	275
Apr.	9	47.684	39	42.30	29	55.076	110	84.28	245	22.415	28	32.63	68	28.913	65	47.09	249
	19	47.645	60	42.59	42	54.966	155	86.73	226	22.387	52	33.31	77	28.848	103	49.58	218
	29	47.585	78	43.01	53	54.811	192	88.99	198	22.335	72	34.08	83	28.745	138	51.76	184
Mai	9	47.507	90	43.54	60	54.619	218	90.97	163	22.263	86	34.91	86	28.607	166	53.60	146
	19	47.417	98	44.14	65	54.401	235	92.60	125	22.177	96	35.77	84	28.441	189	55.06	106
	29	47.319	103	44.79	67	54.166	244	93.85	82	22.081	103	36.61	79	28.252	208	56.12	64
Juni	8	47.216	103	45.46	68	53.922	244	94.67	38	21.978	106	37.40	73	28.044	221	56.76	20
	18	47.113	102	46.14	66	53.678	239	95.05	8	21.872	106	38.13	65	27.823	229	56.96	22
	28	47.011	98	46.80	63	53.439	225	94.97	52	21.766	104	38.78	54	27.594	230	56.74	65
Juli	8	46.913	90	47.43	58	53.214	206	94.45	97	21.662	99	39.32	42	27.364	224	56.09	105
	18	46.823	79	48.01	50	53.008	182	93.48	138	21.563	89	39.74	29	27.140	212	55.04	143
	28	46.744	66	48.51	42	52.826	152	92.10	178	21.474	78	40.03	14	26.928	192	53.61	177
Aug.	7	46.678	48	48.93	29	52.674	118	90.32	213	21.396	62	40.17	2	26.736	164	51.84	204
	17	46.630	27	49.22	15	52.556	78	88.19	245	21.334	42	40.15	21	26.572	127	49.80	225
	27	46.603	1	49.37	2	52.478	34	85.74	273	21.292	17	39.94	41	26.445	82	47.55	237
Sept.	6	46.602	28	49.35	22	52.444	15	83.01	296	21.275	12	39.53	63	26.363	30	45.18	241
	16	46.630	63	49.13	45	52.459	69	80.05	314	21.287	46	38.90	86	26.333	29	42.77	235
	26	46.693	100	48.68	69	52.528	126	76.91	326	21.333	83	38.04	109	26.362	92	40.42	220
Okt.	6	46.793	139	47.99	95	52.654	186	73.65	331	21.416	123	36.95	134	26.454	158	38.22	194
	16	46.932	180	47.04	121	52.840	246	70.34	330	21.539	165	35.61	157	26.612	224	36.28	159
	26	47.112	220	45.83	147	53.086	306	67.04	321	21.704	206	34.04	179	26.836	287	34.69	117
Nov.	5	47.332	256	44.36	170	53.392	363	63.83	304	21.910	245	32.25	197	27.123	343	33.52	67
	15	47.588	288	42.66	190	53.755	412	60.79	278	22.155	279	30.28	211	27.466	389	32.85	14
	25	47.876	313	40.76	205	54.167	453	58.01	244	22.434	307	28.17	219	27.855	425	32.71	41
Dez.	5	48.189	328	38.71	214	54.620	482	55.57	202	22.741	326	25.98	221	28.280	446	33.12	96
	15	48.517	333	36.57	215	55.102	496	53.55	155	23.067	334	23.77	217	28.726	453	34.08	149
	25	48.850	328	34.42	211	55.598	495	52.00	101	23.401	332	21.60	204	29.179	445	35.57	198
	35	49.178		32.31		56.093		50.99		23.733		19.56		29.624		37.55	
Mittl. Ort		46.635		49.31		53.624		82.10		21.372		38.42		26.787		37.91	
sec δ, tg δ		1.001		+0.036		1.702		+1.377		1.013		+0.159		1.569		−1.209	
a, *a′*		+3.1		−20.0		+3.1		−20.0		+3.1		−20.0		+3.1		−20.0	
b, *b′*		0.00		− 0.05		−0.09		− 0.04		−0.01		+ 0.01		+0.08		+ 0.02	

[1]) Die jährliche Parallaxe (0″.101) ist bereits berücksichtigt.

*) Bei Stern 450) und 452) lies März 21.

Tag	453) ε Corvi				454) Br 1634 Caml				456) δ Ursae maj.				459) β Chamael.			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	$12^h\ 7^m$		−22° 18′		$12^h\ 9^m$		+77° 55′		$12^h\ 12^m$		+57° 20′		$12^h\ 14^m$		−78° 59′	
Jan. 1	13.938 s	333	18.11 "	229	34.00 s	118	23.73 "	20	38.576 s	521	24.77 "	81	62.91 s	121	39.40 "	165
11	14.271	313	20.40	239	35.18	114	23.53	$\overline{46}$	39.097	499	23.96	20	64.12	112	41.05	220
21	14.584	282	22.79	243	36.32	105	23.99	108	39.596	461	23.76	$\overline{39}$	65.24	101	43.25	268
31	14.866	246	25.22	241	37.37	93	25.07	167	40.057	410	24.15	97	66.25	87	45.93	308
Febr. 10	15.112	205	27.63	231	38.30	78	26.74	217	40.467	345	25.12	149	67.12	71	49.01	340
20	15.317	162	29.94	217	39.08	61	28.91	259	40.812	273	26.61	194	67.83	55	52.41	362
März 1	15.479	118	32.11	200	39.69	41	31.50	289	41.085	197	28.55	229	68.38	37	56.03	377
11	15.597	77	34.11	179	40.10	21	34.39	307	41.282	118	30.84	255	68.75	20	59.80	381
21	[24] 15.674	38	35.90	156	[25] 40.31	1	37.46	313	[25] 41.400	42	33.39	268	[26] 68.95	3	63.61	377
30	15.712	5	37.46	132	40.32	$\overline{18}$	40.59	305	41.442	$\overline{28}$	36.07	272	68.98	$\overline{15}$	67.38	366
Apr. 9	15.717	$\overline{26}$	38.78	107	40.14	35	43.64	287	41.414	92	38.79	264	68.83	30	71.04	347
19	15.691	51	39.85	83	39.79	50	46.51	258	41.322	146	41.43	246	68.53	45	74.51	320
29	15.640	73	40.68	58	39.29	63	49.09	220	41.176	192	43.89	219	68.08	59	77.71	287
Mai 9	15.567	89	41.26	33	38.66	74	51.29	175	40.984	227	46.08	186	67.49	70	80.58	249
19	15.478	103	41.59	10	37.92	81	53.04	125	40.757	253	47.94	146	66.79	82	83.07	205
29	15.375	113	41.69	$\overline{14}$	37.11	85	54.29	72	40.504	269	49.40	103	65.97	90	85.12	156
Juni 8	15.262	120	41.55	37	36.26	88	55.01	17	40.235	276	50.43	57	65.07	96	86.68	103
18	15.142	123	41.18	59	35.38	87	55.18	$\overline{39}$	39.959	276	51.00	9	64.11	100	87.71	50
28	15.019	124	40.59	78	34.51	84	54.79	93	39.683	268	51.09	$\overline{39}$	63.11	101	88.21	$\overline{5}$
Juli 8	14.895	120	39.81	96	33.67	79	53.86	145	39.415	252	50.70	85	62.10	100	88.16	61
18	14.775	112	38.85	110	32.88	72	52.41	194	39.163	231	49.85	131	61.10	95	87.55	115
28	14.663	101	37.75	122	32.16	64	50.47	238	38.932	203	48.54	173	60.15	88	86.40	164
Aug. 7	14.562	84	36.53	128	31.52	53	48.09	278	38.729	169	46.81	212	59.27	77	84.76	209
17	14.478	62	35.25	130	30.99	41	45.31	312	38.560	129	44.69	248	58.50	63	82.67	247
27	14.416	34	33.95	127	30.58	29	42.19	339	38.431	83	42.21	279	57.87	47	80.20	277
Sept. 6	14.382	2	32.68	116	30.29	15	38.80	360	38.348	31	39.42	304	57.40	28	77.43	296
16	14.380	$\overline{37}$	31.52	100	30.14	0	35.20	374	38.317	$\overline{26}$	36.38	326	57.12	8	74.47	306
26	14.417	79	30.52	78	30.14	16	31.46	380	38.343	89	33.12	340	57.04	$\overline{13}$	71.41	303
Okt. 6	14.496	125	29.74	50	30.30	32	27.66	379	38.432	154	29.72	347	57.17	35	68.38	288
16	14.621	171	29.24	17	30.62	48	23.87	368	38.586	221	26.25	348	57.52	56	65.50	261
26	14.792	215	29.07	$\overline{19}$	31.10	63	20.19	349	38.807	289	22.77	341	58.08	76	62.89	224
Nov. 5	15.007	257	29.26	58	31.73	79	16.70	321	39.096	353	19.36	324	58.84	92	60.65	177
15	15.264	293	29.84	97	32.52	92	13.49	284	39.449	412	16.12	299	59.76	107	58.88	122
25	15.557	322	30.81	134	33.44	103	10.65	238	39.861	462	13.13	266	60.83	118	57.66	61
Dez. 5	15.879	340	32.15	168	34.47	112	8.27	186	40.323	499	10.47	223	62.01	124	57.05	$\overline{3}$
15	16.219	347	33.83	197	35.59	118	6.41	126	40.822	523	8.24	175	63.25	125	57.08	67
25	16.566	344	35.80	220	36.77	120	5.15	63	41.345	529	6.49	119	64.50	124	57.75	130
35	16.910		38.00		37.97		4.52		41.874		5.30		65.74		59.05	
Mittl. Ort	14.409		30.05		35.94		38.29		39.755		36.97		61.08		64.82	
sec δ, tg δ	1.081		−0.410		4.781		+4.675		1.853		+1.560		5.242		−5.145	
a, *a′*	+3.1		−20.0		+2.8		−20.0		+3.0		−20.0		+3.5		−20.0	
b, *b′*	+0.03		+ 0.03		−0.31		+ 0.04		−0.10		+ 0.06		+0.34		+ 0.07	

Tag	460) η Virginis				462) α Crucis med.				466) 20 Comae				465) δ Corvi			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	$12^h\ 17^m$		−0° 21′		$12^h\ 23^m$		−62° 46′		$12^h\ 26^m$		+21° 11′		$12^h\ 26^m$		−16° 12′	
	s		″		s		″		s		″		s		″	
Jan. 1	1.640	322	16.09	209	28.40	58	57.31	185	53.585	342	78.99	179	57.102	331	3.51	219
11	1.962	305	18.18	196	28.98	53	59.16	233	53.927	328	77.20	146	57.433	314	5.70	224
21	2.267	280	20.14	179	29.51	49	61.49	274	54.255	304	75.74	107	57.747	289	7.94	223
31	2.547	247	21.93	156	30.00	43	64.23	305	54.559	272	74.67	66	58.036	256	10.17	215
Febr. 10	2.794	208	23.49	130	30.43	36	67.28	330	54.831	233	74.01	26	58.292	219	12.32	202
20	3.002	168	24.79	103	30.79	28	70.58	344	55.064	190	73.75	13	58.511	179	14.34	186
März 1	3.170	128	25.82	76	31.07	21	74.02	351	55.254	146	73.88	49	58.690	138	16.20	165
11	3.298	87	26.58	48	31.28	14	77.53	351	55.400	102	74.37	80	58.828	97	17.85	144
21	26 3.385	50	27.06	24	28 31.42	6	81.04	342	29 55.502	61	75.17	104	29 58.925	61	19.29	120
30	3.435	17	27.30	2	31.48	0	84.46	326	55.563	23	76.21	123	58.986	26	20.49	98
Apr. 9	3.452	12	27.32	17	31.48	8	87.72	304	55.586	10	77.44	135	59.012	3	21.47	76
19	3.440	37	27.15	32	31.40	13	90.76	277	55.576	39	78.79	139	59.009	30	22.23	54
29	3.403	57	26.83	44	31.27	19	93.53	244	55.537	63	80.18	138	58.979	51	22.77	33
Mai 9	3.346	73	26.39	54	31.08	23	95.97	206	55.474	82	81.56	132	58.928	70	23.10	13
19	3.273	86	25.85	60	30.85	27	98.03	165	55.392	96	82.88	120	58.858	85	23.23	5
29	3.187	94	25.25	64	30.58	31	99.68	120	55.296	108	84.08	105	58.773	98	23.18	23
Juni 8	3.093	101	24.61	67	30.27	34	100.88	72	55.188	115	85.13	87	58.675	107	22.95	40
18	2.992	105	23.94	67	29.93	35	101.60	23	55.073	118	86.00	67	58.568	113	22.55	54
28	2.887	105	23.27	66	29.58	36	101.83	26	54.955	119	86.67	44	58.455	116	22.01	68
Juli 8	2.782	102	22.61	62	29.22	36	101.57	74	54.836	117	87.11	21	58.339	116	21.33	80
18	2.680	97	21.99	56	28.86	35	100.83	121	54.719	110	87.32	4	58.223	112	20.53	90
28	2.583	87	21.43	49	28.51	32	99.62	164	54.609	100	87.28	29	58.111	104	19.63	95
Aug. 7	2.496	73	20.94	40	28.19	28	97.98	202	54.509	86	86.99	55	58.007	90	18.68	98
17	2.423	55	20.54	26	27.91	24	95.96	232	54.423	67	86.44	80	57.917	72	17.70	97
27	2.368	32	20.28	10	27.67	17	93.64	256	54.356	44	85.64	106	57.845	48	16.73	91
Sept. 6	2.336	3	20.18	8	27.50	10	91.08	269	54.312	14	84.58	132	57.797	18	15.82	80
16	2.333	31	20.26	30	27.40	2	88.39	273	54.298	19	83.26	157	57.779	18	15.02	64
26	2.364	68	20.56	53	27.38	7	85.66	266	54.317	58	81.69	181	57.797	58	14.38	42
Okt. 6	2.432	108	21.09	79	27.45	17	83.00	248	54.375	100	79.88	203	57.855	101	13.96	17
16	2.540	151	21.88	106	27.62	25	80.52	218	54.475	144	77.85	222	57.956	147	13.79	14
26	2.691	194	22.94	133	27.87	34	78.34	180	54.619	189	75.63	237	58.103	193	13.93	46
Nov. 5	2.885	234	24.27	158	28.21	43	76.54	133	54.808	232	73.26	248	58.296	236	14.39	81
15	3.119	270	25.85	180	28.64	49	75.21	79	55.040	272	70.78	253	58.532	273	15.20	114
25	3.389	299	27.65	198	29.13	54	74.42	21	55.312	305	68.25	251	58.805	304	16.34	145
Dez. 5	3.688	319	29.63	210	29.67	58	74.21	38	55.617	329	65.74	242	59.109	326	17.79	174
15	4.007	330	31.73	216	30.25	59	74.59	98	55.946	345	63.32	224	59.435	338	19.53	197
25	4.337	330	33.89	215	30.84	58	75.57	155	56.291	349	61.08	200	59.773	339	21.50	214
35	4.667		36.04		31.42		77.12		56.640		59.08		60.112		23.64	
Mittl. Ort	2.345		20.61		28.33		80.74		54.490		81.65		57.758		13.90	
sec δ, tg δ	1.000		−0.006		2.187		−1.945		1.073		+0.388		1.041		−0.291	
a, *a′*	+3.1		−20.0		+3.3		−19.9		+3.0		−19.9		+3.1		−19.9	
b, *b′*	0.00		+ 0.07		+0.13		+ 0.10		−0.03		+ 0.12		+0.02		+ 0.12	

Tag		470) β Canum ven.[1]) AR.		Dekl.		472) κ Draconis AR.		Dekl.		471) β Corvi AR.		Dekl.		473) 24 Comae *sq* AR.		Dekl.	
1944		12ʰ 31ᵐ		+41° 39′		12ʰ 31ᵐ		+70° 5′		12ʰ 31ᵐ		−23° 5		12ʰ 32ᵐ		+18° 40′	
Jan.	1	ˢ4.105	402	″33.01	139	ˢ4.44	77	″34.49	71	ˢ25.801	342	″1.29	216	ˢ18.337	339	″64.65	187
	11	4.507	387	31.62	88	5.21	74	33.78	7	26.143	325	3.45	230	18.676	325	62.78	154
	21	4.894	362	30.74	34	5.95	70	33.71	58	26.468	300	5.75	235	19.001	303	61.24	119
	31	5.256	325	30.40	20	6.65	64	34.29	120	26.768	266	8.10	235	19.304	271	60.05	80
Febr.	10	5.581	280	30.60	70	7.29	55	35.49	176	27.034	228	10.45	229	19.575	234	59.25	40
	20	5.861	228	31.30	117	7.84	44	37.25	223	27.262	187	12.74	216	19.809	192	58.85	2
März	1	6.089	174	32.47	157	8.28	33	39.48	260	27.449	146	14.90	201	20.001	150	58.83	33
	11	6.263	119	34.04	188	8.61	20	42.08	286	27.595	105	16.91	182	20.151	107	59.16	65
	21	6.382	65	35.92	210	8.81	9	44.94	301	27.700	66	18.73	160	20.258	66	59.81	91
	30	30 6.447	15	38.02	223	30 8.90	3	47.95	302	30 27.766	32	20.33	138	30 20.324	29	60.72	109
Apr.	9	6.462	30	40.25	225	8.87	14	50.97	293	27.798	0	21.71	116	20.353	3	61.81	123
	19	6.432	68	42.50	220	8.73	23	53.90	272	27.798	28	22.87	92	20.350	32	63.04	130
	29	6.364	102	44.70	206	8.50	32	56.62	242	27.770	51	23.79	68	20.318	56	64.34	130
Mai	9	6.262	127	46.76	184	8.18	39	59.04	203	27.719	72	24.47	45	20.262	75	65.64	126
	19	6.135	148	48.60	158	7.79	44	61.07	160	27.647	88	24.92	22	20.187	91	66.90	117
	29	5.987	162	50.18	125	7.35	47	62.67	111	27.559	103	25.14	1	20.096	102	68.07	104
Juni	8	5.825	172	51.43	90	6.88	50	63.78	59	27.456	113	25.13	23	19.994	110	69.11	88
	18	5.653	176	52.33	52	6.38	51	64.37	6	27.343	122	24.90	44	19.884	115	69.99	70
	28	5.477	175	52.85	13	5.87	49	64.43	47	27.221	126	24.46	64	19.769	117	70.69	50
Juli	8	5.302	169	52.98	26	5.38	48	63.96	100	27.095	126	23.82	83	19.652	115	71.19	29
	18	5.133	160	52.72	66	4.90	45	62.96	149	26.969	124	22.99	98	19.537	110	71.48	5
	28	4.973	145	52.06	103	4.45	41	61.47	196	26.845	116	22.01	111	19.427	102	71.53	18
Aug.	7	4.828	126	51.03	140	4.04	35	59.51	239	26.729	102	20.90	119	19.325	88	71.35	42
	17	4.702	101	49.63	175	3.69	29	57.12	277	26.627	82	19.71	123	19.237	71	70.93	67
	27	4.601	70	47.88	207	3.40	22	54.35	310	26.545	57	18.48	123	19.166	47	70.26	92
Sept.	6	4.531	35	45.81	235	3.18	14	51.25	337	26.488	26	17.25	116	19.119	19	69.34	117
	16	4.496	6	43.46	261	3.04	5	47.88	358	26.462	11	16.09	102	19.100	13	68.17	142
	26	4.502	51	40.85	283	2.99	5	44.30	371	26.473	54	15.07	82	19.113	52	66.75	166
Okt.	6	4.553	102	38.02	299	3.04	15	40.59	377	26.527	100	14.25	58	19.165	94	65.09	189
	16	4.655	154	35.03	310	3.19	25	36.82	375	26.627	148	13.67	28	19.259	137	63.20	210
	26	4.809	207	31.93	313	3.44	36	33.07	363	26.775	195	13.39	7	19.396	182	61.10	227
Nov.	5	5.016	259	28.80	311	3.80	46	29.44	343	26.970	240	13.46	44	19.578	226	58.83	240
	15	5.275	306	25.69	299	4.26	55	26.01	314	27.210	280	13.90	81	19.804	266	56.43	247
	25	5.581	347	22.70	279	4.81	63	22.87	275	27.490	313	14.71	119	20.070	298	53.96	247
Dez.	5	5.928	379	19.91	251	5.44	70	20.12	228	27.803	336	15.90	153	20.368	324	51.49	241
	15	6.307	399	17.40	215	6.14	75	17.84	174	28.139	348	17.43	182	20.692	340	49.08	227
	25	6.706	407	15.25	171	6.89	77	16.10	113	28.487	350	19.25	207	21.032	344	46.81	205
	35	7.113		13.54		7.66		14.97		28.837		21.32		21.376		44.76	
Mittl. Ort		5.199		41.53		6.18		48.05		26.437		14.15		19.255		66.36	
sec δ, tg δ		1.339		+0.890		2.937		+2.762		1.087		−0.426		1.056		+0.338	
a, *a′*		+2.9		−19.9		+2.6		−19.9		+3.2		−19.9		+3.0		−19.8	
b, *b′*		−0.06		+ 0.14		−0.18		+ 0.14		+0.03		+ 0.14		−0.02		+ 0.14	

[1]) Die jährliche Parallaxe (0.″107) ist bereits berücksichtigt.

Tag	474) α Muscae AR.		Dekl.		1325) 133 G. Centauri AR.		Dekl.		478) 76 Ursae maj. AR.		Dekl.		481) β Crucis AR.		Dekl.	
1944	12h 33m		−68° 49′		12h 38m		−45° 50′		12h 39m		+63° 0′		12h 44m		−59° 22′	
	s		″		s		″		s		″		s		″	
Jan. 1	49.40	70	12.94	161	17.248	418	1.54	194	5.97	60	60.13	100	25.664	536	34.98	165
11	50.10	67	14.55	213	17.666	399	3.48	229	6.57	58	59.13	37	26.200	512	36.63	212
21	50.77	62	16.68	258	18.065	367	5.77	258	7.15	56	58.76	27	26.712	474	38.75	253
31	51.39	54	19.26	296	18.432	327	8.35	279	7.71	50	59.03	88	27.186	425	41.28	285
Febr. 10	51.93	45	22.22	325	18.759	282	11.14	292	8.21	44	59.91	145	27.611	367	44.13	309
20	52.38	38	25.47	346	19.041	232	14.06	298	8.65	36	61.36	195	27.978	304	47.22	326
März 1	52.76	28	28.93	357	19.273	180	17.04	298	9.01	27	63.31	235	28.282	238	50.48	334
11	53.04	19	32.50	362	19.453	131	20.02	290	9.28	19	65.66	265	28.520	171	53.82	336
21	53.23	9	36.12	357	19.584	82	22.92	277	9.47	9	68.31	284	28.691	106	57.18	329
31	53.32	1	39.69	346	19.666	36	25.69	259	9.56	1	71.15	291	28.797	44	60.47	316
	31				1				1				2			
Apr. 9	53.33	8	43.15	328	19.702	6	28.28	237	9.57	7	74.06	286	28.841	15	63.63	298
19	53.25	15	46.43	302	19.696	44	30.65	211	9.50	15	76.92	270	28.826	70	66.61	273
29	53.10	23	49.45	272	19.652	79	32.76	183	9.35	20	79.62	245	28.756	121	69.34	243
Mai 9	52.87	29	52.17	236	19.573	108	34.59	150	9.15	26	82.07	213	28.635	167	71.77	210
19	52.58	35	54.53	194	19.465	136	36.09	115	8.89	30	84.20	173	28.468	207	73.87	172
29	52.23	40	56.47	150	19.329	158	37.24	79	8.59	32	85.93	127	28.261	244	75.59	130
Juni 8	51.83	44	57.97	101	19.171	177	38.03	40	8.27	35	87.20	80	28.017	273	76.89	87
18	51.39	47	58.98	50	18.994	192	38.43	2	7.92	36	88.00	30	27.744	295	77.76	40
28	50.92	48	59.48	2	18.802	200	38.45	37	7.56	35	88.30	22	27.449	309	78.16	7
Juli 8	50.44	48	59.46	53	18.602	203	38.08	74	7.21	34	88.08	72	27.140	315	78.09	54
18	49.96	47	58.93	103	18.399	199	37.34	110	6.87	33	87.36	121	26.825	311	77.55	99
28	49.49	45	57.90	151	18.200	189	36.24	142	6.54	29	86.15	168	26.514	296	76.56	141
Aug. 7	49.04	39	56.39	192	18.011	170	34.82	169	6.25	26	84.47	211	26.218	270	75.15	178
17	48.65	34	54.47	229	17.841	143	33.13	192	5.99	22	82.36	250	25.948	230	73.37	211
27	48.31	26	52.18	257	17.698	107	31.21	206	5.77	17	79.86	285	25.718	181	71.26	236
Sept. 6	48.05	16	49.61	276	17.591	64	29.15	214	5.60	11	77.01	315	25.537	119	68.90	251
16	47.89	7	46.85	286	17.527	13	27.01	212	5.49	4	73.86	338	25.418	48	66.39	259
26	47.82	5	43.99	283	17.514	45	24.89	201	5.45	3	70.48	356	25.370	31	63.80	255
Okt. 6	47.87	16	41.16	269	17.559	107	22.88	181	5.48	10	66.92	366	25.401	114	61.25	240
16	48.03	29	38.47	244	17.666	169	21.07	153	5.58	19	63.26	369	25.515	200	58.85	215
26	48.32	39	36.03	209	17.835	231	19.54	116	5.77	27	59.57	363	25.715	284	56.70	181
Nov. 5	48.71	50	33.94	164	18.066	290	18.38	73	6.04	35	55.94	347	25.999	360	54.89	137
15	49.21	58	32.30	112	18.356	340	17.65	26	6.39	43	52.47	324	26.359	428	53.52	88
25	49.79	65	31.18	54	18.696	381	17.39	25	6.82	49	49.23	290	26.787	482	52.64	33
Dez. 5	50.44	70	30.64	7	19.077	409	17.64	76	7.31	54	46.33	247	27.269	521	52.31	24
15	51.14	72	30.71	69	19.486	425	18.40	124	7.85	58	43.86	198	27.790	542	52.55	81
25	51.86	72	31.40	128	19.911	427	19.64	171	8.43	60	41.88	140	28.332	545	53.36	135
35	52.58		32.68		20.338		21.35		9.03		40.48		28.877		54.71	
Mittl. Ort	49.27		37.66		17.728		21.51		7.51		72.66		26.012		58.25	
sec δ, tg δ	2.769		−2.582		1.435		−1.030		2.204		+1.964		1.963		−1.690	
a, *a′*	+3.6		−19.8		+3.3		−19.8		+2.6		−19.8		+3.5		−19.7	
b, *b′*	+0.17		+ 0.15		+0.07		+ 0.17		−0.13		+ 0.17		+0.11		+ 0.19	

Tag	482) 150 G. Centauri AR.		482) Dekl.		483) ε Ursae maj. AR.		483) Dekl.	
1944	12h 50m		−39° 52′		12h 51m		+56° 15′	
Jan. 1	18.923	393	10.11	190	32.787	506	37.39	131
11	19.316	378	12.01	221	33.293	499	36.08	71
21	19.694	352	14.22	245	33.792	475	35.37	10
31	20.046	317	16.67	261	34.267	435	35.27	52
Febr. 10	20.363	276	19.28	271	34.702	383	35.79	110
20	20.639	232	21.99	274	35.085	321	36.89	162
März 1	20.871	186	24.73	271	35.406	253	38.51	205
11	21.057	141	27.44	261	35.659	180	40.56	239
21	21.198	96	30.05	249	35.839	108	42.95	263
31	21.294	54	32.54	230	35.947	39	45.58	275
Apr. 9	21.348	17	34.84	209	35.986	26	48.33	276
19	21.365	19	36.93	186	35.960	85	51.09	266
29	21.346	51	38.79	159	35.875	137	53.75	247
Mai 9	21.295	79	40.38	130	35.738	179	56.22	220
19	21.216	104	41.68	99	35.559	214	58.42	185
29	21.112	126	42.67	67	35.345	241	60.27	145
Juni 8	20.986	145	43.34	33	35.104	259	61.72	102
18	20.841	160	43.67	0	34.845	270	62.74	55
28	20.681	170	43.67	34	34.575	274	63.29	7
Juli 8	20.511	175	43.33	67	34.301	271	63.36	42
18	20.336	176	42.66	97	34.030	260	62.94	89
28	20.160	168	41.69	126	33.770	242	62.05	135
Aug. 7	19.992	154	40.43	149	33.528	218	60.70	178
17	19.838	133	38.94	168	33.310	186	58.92	219
27	19.705	103	37.26	180	33.124	147	56.73	255
Sept. 6	19.602	65	35.46	186	32.977	102	54.18	287
16	19.537	20	33.60	184	32.875	49	51.31	315
26	19.517	31	31.76	172	32.826	11	48.16	335
Okt. 6	19.548	87	30.04	154	32.837	75	44.81	351
16	19.635	145	28.50	126	32.912	143	41.30	359
26	19.780	203	27.24	92	33.055	213	37.71	358
Nov. 5	19.983	258	26.32	52	33.268	281	34.13	349
15	20.241	307	25.80	8	33.549	347	30.64	331
25	20.548	348	25.72	39	33.896	405	27.33	304
Dez. 5	20.896	377	26.11	85	34.301	453	24.29	267
15	21.273	395	26.96	128	34.754	486	21.62	222
25	21.668	399	28.24	170	35.240	507	19.40	169
35	22.067		29.94		35.747		17.71	
Mittl. Ort	19.581		28.67		34.259		48.54	
sec δ, tg δ	1.303		−0.835		1.801		+1.497	
a, a′	+3.3		−19.6		+2.6		−19.5	
b, b′	+0.05		+ 0.22		−0.10		+ 0.22	

Tag	484) δ Virginis AR.		484) Dekl.		486) 8 Draconis AR.		486) Dekl.	
1944	12h 52m		+3° 41′		12h 53m		+65° 43′	
Jan. 1	45.914	326	68.90	208	13.33	65	78.25	112
11	46.240	316	66.82	192	13.98	64	77.13	48
21	46.556	296	64.90	171	14.62	61	76.65	17
31	46.852	270	63.19	144	15.23	57	76.82	80
Febr. 10	47.122	237	61.75	116	15.80	49	77.62	139
20	47.359	199	60.59	85	16.29	42	79.01	192
März 1	47.558	161	59.74	54	16.71	32	80.93	235
11	47.719	123	59.20	26	17.03	23	83.28	267
21	47.842	86	58.94	1	17.26	13	85.95	288
31	47.928	51	58.95	24	17.39	4	88.83	298
Apr. 9	47.979	21	59.19	42	17.43	6	91.81	295
19	48.000	7	59.61	57	17.37	14	94.76	281
29	47.993	30	60.18	68	17.23	21	97.57	258
Mai 9	47.963	50	60.86	74	17.02	27	100.15	225
19	47.913	68	61.60	77	16.75	33	102.40	186
29	47.845	82	62.37	77	16.42	36	104.26	142
Juni 8	47.763	93	63.14	76	16.06	39	105.68	93
18	47.670	102	63.90	71	15.67	40	106.61	42
28	47.568	109	64.61	64	15.27	41	107.03	10
Juli 8	47.459	111	65.25	56	14.86	40	106.93	62
18	47.348	111	65.81	46	14.46	38	106.31	113
28	47.237	106	66.27	35	14.08	36	105.18	161
Aug. 7	47.131	98	66.62	21	13.72	32	103.57	206
17	47.033	83	66.83	5	13.40	28	101.51	248
27	46.950	63	66.88	13	13.12	22	99.03	284
Sept. 6	46.887	37	66.75	32	12.90	16	96.19	316
16	46.850	6	66.43	54	12.74	9	93.03	341
26	46.844	30	65.89	78	12.65	1	89.62	361
Okt. 6	46.874	72	65.11	103	12.64	7	86.01	372
16	46.946	115	64.08	127	12.71	16	82.29	377
26	47.061	160	62.81	152	12.87	26	78.52	372
Nov. 5	47.221	204	61.29	176	13.13	34	74.80	358
15	47.425	245	59.53	194	13.47	43	71.22	335
25	47.670	279	57.59	209	13.90	51	67.87	302
Dez. 5	47.949	305	55.50	219	14.41	57	64.85	261
15	48.254	323	53.31	221	14.98	61	62.24	210
25	48.577	331	51.10	216	15.59	64	60.14	152
35	48.908		48.94		16.23		58.62	
Mittl. Ort	46.853		65.00		15.11		90.78	
sec δ, tg δ	1.002		+0.065		2.434		+2.219	
a, a′	+3.1		−19.5		+2.4		−19.5	
b, b′	0.00		+ 0.23		−0.14		+ 0.23	

Tag	485) α Can. ven., sq				488) ε Virginis				490) ϑ Virginis				492) β Comae[1])			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	$12^h\ 53^m$		$+38°\ 36'$		$12^h\ 59^m$		$+11°\ 15'$		$13^h\ 7^m$		$-5°\ 14'$		$13^h\ 9^m$		$+28°\ 9'$	
	s		"		s		"		s		"		s		"	
Jan. 1	23.437	388	66.24	169	22.274	330	36.47	205	1.858	328	18.35	208	14.463	354	37.53	192
11	23.825	381	64.55	119	22.604	322	34.42	182	2.186	320	20.43	203	14.817	348	35.61	152
21	24.206	361	63.36	67	22.926	304	32.60	152	2.506	302	22.46	191	15.165	332	34.09	107
31	24.567	330	62.69	13	23.230	278	31.08	119	2.808	277	24.37	174	15.497	306	33.02	59
Febr. 10	24.897	290	62.56	39	23.508	246	29.89	84	3.085	247	26.11	153	15.803	273	32.43	12
20	25.187	245	62.95	88	23.754	209	29.05	48	3.332	211	27.64	129	16.076	234	32.31	34
März 1	25.432	196	63.83	130	23.963	170	28.57	13	3.543	174	28.93	103	16.310	192	32.65	77
11	25.628	144	65.13	166	24.133	131	28.44	19	3.717	137	29.96	77	16.502	148	33.42	112
21	25.772	94	66.79	193	24.264	93	28.63	46	3.854	102	30.73	53	16.650	104	34.54	143
31	25.866	47	68.72	212	24.357	57	29.09	69	3.956	68	31.26	30	16.754	64	35.97	165
	5				6				8				9			
Apr. 9	25.913	3	70.84	219	24.414	26	29.78	86	4.024	37	31.56	10	16.818	25	37.62	180
19	25.916	36	73.03	219	24.440	3	30.64	99	4.061	10	31.66	8	16.843	8	39.42	185
29	25.880	69	75.22	210	24.437	29	31.63	106	4.071	15	31.58	23	16.835	38	41.27	184
Mai 9	25.811	98	77.32	193	24.408	49	32.69	107	4.056	36	31.35	35	16.797	64	43.11	176
19	25.713	121	79.25	171	24.359	68	33.76	105	4.020	56	31.00	44	16.733	86	44.87	161
29	25.592	140	80.96	142	24.291	83	34.81	99	3.964	72	30.56	51	16.647	105	46.48	141
Juni 8	25.452	153	82.38	111	24.208	96	35.80	90	3.892	86	30.05	56	16.542	120	47.89	119
18	25.299	162	83.49	75	24.112	105	36.70	78	3.806	98	29.49	61	16.422	130	49.08	91
28	25.137	166	84.24	38	24.007	112	37.48	65	3.708	108	28.88	62	16.292	138	49.99	63
Juli 8	24.971	166	84.62	0	23.895	115	38.13	49	3.600	113	28.26	62	16.154	142	50.62	32
18	24.805	162	84.62	39	23.780	116	38.62	31	3.487	115	27.64	61	16.012	142	50.94	1
28	24.643	153	84.23	76	23.664	111	38.93	14	3.372	113	27.03	57	15.870	137	50.93	32
Aug. 7	24.490	139	83.47	114	23.553	103	39.07	7	3.259	107	26.46	51	15.733	128	50.61	65
17	24.351	118	82.33	149	23.450	89	39.00	27	3.152	94	25.95	42	15.605	113	49.96	97
27	24.233	92	80.84	184	23.361	70	38.73	50	3.058	75	25.53	30	15.492	92	48.99	128
Sept. 6	24.141	61	79.00	214	23.291	44	38.23	73	2.983	50	25.23	16	15.400	65	47.71	158
16	24.080	22	76.86	243	23.247	13	37.50	98	2.933	19	25.07	2	15.335	32	46.13	186
26	24.058	21	74.43	268	23.234	23	36.52	122	2.914	17	25.09	23	15.303	7	44.27	213
Okt. 6	24.079	69	71.75	288	23.257	64	35.30	147	2.931	59	25.32	47	15.310	50	42.14	237
16	24.148	121	68.87	303	23.321	108	33.83	171	2.990	104	25.79	74	15.360	98	39.77	258
26	24.269	173	65.84	313	23.429	154	32.12	192	3.094	151	26.53	100	15.458	147	37.19	272
Nov. 5	24.442	225	62.71	313	23.583	198	30.20	211	3.245	195	27.53	127	15.605	196	34.47	282
15	24.667	275	59.58	308	23.781	240	28.09	226	3.440	238	28.80	152	15.801	242	31.65	285
25	24.942	319	56.50	293	24.021	276	25.83	234	3.678	274	30.32	175	16.043	283	28.80	280
Dez. 5	25.261	353	53.57	270	24.297	305	23.49	236	3.952	302	32.07	193	16.326	317	26.00	267
15	25.614	378	50.87	239	24.602	325	21.13	231	4.254	321	34.00	204	16.643	341	23.33	245
25	25.992	391	48.48	199	24.927	333	18.82	218	4.575	331	36.04	210	16.984	354	20.88	218
35	26.383		46.49		25.260		16.64		4.906		38.14		17.338		18.70	
Mittl. Ort	24.644		73.42		23.295		35.06		2.834		25.71		15.652		41.42	
sec δ, tg δ	1.280		+0.799		1.020		+0.199		1.004		−0.092		1.134		+0.535	
a, *a'*	+2.8		−19.5		+3.0		−19.4		+3.1		−19.2		+2.9		−19.1	
b, *b'*	−0.05		+ 0.23		−0.01		+ 0.26		+0.01		+ 0.29		−0.03		+ 0.30	

[1]) Die jährliche Parallaxe (0."121) ist bereits berücksichtigt.

Tag		495) γ Hydrae				496) ι Centauri				497) ζ Ursae maj. *pr*				498) α Virginis			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944		13h 15m		−22° 52′		13h 17m		−36° 24′		13h 21m		+55° 12′		13h 22m		−10° 52′	
		s		″		s		″		s		″		s		″	
Jan.	1	51.359	349	22.35	191	25.519	383	44.89	171	38.753	486	52.28	170	13.299	331	1.05	201
	11	51.708	338	24.26	206	25.902	374	46.60	199	39.239	489	50.58	110	13.630	326	3.06	203
	21	52.046	322	26.32	214	26.276	355	48.59	221	39.728	475	49.48	48	13.956	310	5.09	198
	31	52.368	297	28.46	215	26.631	327	50.80	237	40.203	446	49.00	15	14.266	287	7.07	186
Febr.	10	52.665	265	30.61	211	26.958	293	53.17	245	40.649	403	49.15	76	14.553	258	8.93	171
	20	52.930	229	32.72	203	27.251	253	55.62	248	41.052	350	49.91	132	14.811	225	10.64	152
März	1	53.159	192	34.75	189	27.504	211	58.10	246	41.402	289	51.23	182	15.036	190	12.16	130
	11	53.351	154	36.64	172	27.715	170	60.56	238	41.691	224	53.05	222	15.226	153	13.46	108
	21	53.505	117	38.36	155	27.885	129	62.94	225	41.915	155	55.27	252	15.379	118	14.54	85
	31	53.622	82	39.91	135	28.014	90	65.19	211	42.070	88	57.79	272	15.497	85	15.39	63
Apr.	10	53.704	50	41.26	115	28.104	52	67.30	192	42.158	24	60.51	280	15.582	54	16.02	42
	19	^{10}53.754	19	42.41	95	^{11}28.156	17	69.22	172	^{12}42.182	36	63.31	277	^{12}15.636	26	16.44	25
	29	53.773	7	43.36	75	28.173	14	70.94	148	42.146	90	66.08	264	15.662	1	16.69	7
Mai	9	53.766	33	44.11	55	28.159	45	72.42	125	42.056	138	68.72	242	15.661	23	16.76	7
	19	53.733	55	44.66	35	28.114	71	73.67	98	41.918	178	71.14	212	15.638	45	16.69	19
	29	53.678	76	45.01	15	28.043	97	74.65	70	41.740	212	73.26	176	15.593	65	16.50	30
Juni	8	53.602	93	45.16	4	27.946	118	75.35	42	41.528	238	75.02	135	15.528	81	16.20	40
	18	53.509	109	45.12	23	27.828	138	75.77	12	41.290	257	76.37	90	15.447	96	15.80	48
	28	53.400	121	44.89	41	27.690	153	75.89	17	41.033	269	77.27	43	15.351	107	15.32	55
Juli	8	53.279	130	44.48	59	27.537	163	75.72	47	40.764	274	77.70	5	15.244	117	14.77	60
	18	53.149	135	43.89	73	27.374	169	75.25	74	40.490	272	77.65	54	15.127	122	14.17	63
	28	53.014	134	43.16	87	27.205	168	74.51	100	40.218	264	77.11	102	15.005	122	13.54	65
Aug.	7	52.880	128	42.29	97	27.037	160	73.51	123	39.954	246	76.09	147	14.883	117	12.89	65
	17	52.752	114	41.32	103	26.877	145	72.28	140	39.708	222	74.62	191	14.766	107	12.24	60
	27	52.638	95	40.29	106	26.732	120	70.88	154	39.486	189	72.71	231	14.659	89	11.64	54
Sept.	6	52.543	67	39.23	102	26.612	88	69.34	160	39.297	150	70.40	267	14.570	65	11.10	43
	16	52.476	33	38.21	94	26.524	48	67.74	160	39.147	101	67.73	299	14.505	35	10.67	29
	26	52.443	7	37.27	80	26.476	1	66.14	153	39.046	46	64.74	326	14.470	3	10.38	10
Okt.	6	52.450	53	36.47	61	26.475	52	64.61	136	39.000	17	61.48	346	14.473	45	10.28	12
	16	52.503	102	35.86	35	26.527	109	63.25	114	39.017	84	58.02	360	14.518	90	10.40	37
	26	52.605	153	35.51	6	26.636	166	62.11	85	39.101	154	54.42	365	14.608	138	10.77	64
Nov.	5	52.758	203	35.45	27	26.802	222	61.26	49	39.255	225	50.77	362	14.746	186	11.41	93
	15	52.961	248	35.72	61	27.024	273	60.77	9	39.480	293	47.15	350	14.932	230	12.34	121
	25	53.209	288	36.33	95	27.297	317	60.68	32	39.773	356	43.65	328	15.162	268	13.55	147
Dez.	5	53.497	318	37.28	128	27.614	352	61.00	74	40.129	410	40.37	296	15.430	299	15.02	169
	15	53.815	340	38.56	157	27.966	374	61.74	115	40.539	452	37.41	255	15.729	321	16.71	187
	25	54.155	350	40.13	181	28.340	386	62.89	152	40.991	480	34.86	207	16.050	332	18.58	199
	35	54.505		41.94		28.726		64.41		41.471		32.79		16.382		20.57	
Mittl. Ort		52.317		35.94		26.441		62.78		40.424		62.36		14.344		10.62	
sec δ, tg δ		1.085		−0.422		1.243		−0.738		1.753		+1.440		1.018		−0.192	
a, *a′*		+3.3		−19.0		+3.4		−18.9		+2.4		−18.8		+3.2		−18.8	
b, *b′*		+0.03		+ 0.33		+0.05		+ 0.33		−0.09		+ 0.35		+0.01		+ 0.35	

Tag	499) Grb 2001 U Min				500) 69 H. Ursae maj.			
	AR.		Dekl.		AR.		Dekl.	
1944	13h 24m		+72° 40′		13h 26m		+60° 13′	
Jan. 1	39.57	83	42.68	139	22.04	54	53.58	166
11	40.40	85	41.29	73	22.58	55	51.92	105
21	41.25	83	40.56	7	23.13	53	50.87	40
31	42.08	78	40.49	60	23.66	50	50.47	25
Febr. 10	42.86	72	41.09	123	24.16	46	50.72	87
20	43.58	62	42.32	180	24.62	40	51.59	144
März 1	44.20	51	44.12	228	25.02	33	53.03	194
11	44.71	39	46.40	266	25.35	26	54.97	236
21	45.10	26	49.06	293	25.61	17	57.33	266
31	45.36	12	51.99	307	25.78	10	59.99	285
Apr. 10	13 45.48	1	55.06	310	13 25.88	3	62.84	292
19	45.47	13	58.16	302	25.91	5	65.76	289
29	45.34	25	61.18	281	25.86	11	68.65	274
Mai 9	45.09	34	63.99	251	25.75	16	71.39	250
19	44.75	43	66.50	214	25.59	22	73.89	219
29	44.32	50	68.64	170	25.37	26	76.08	181
Juni 8	43.82	56	70.34	123	25.11	28	77.89	137
18	43.26	59	71.57	70	24.83	31	79.26	91
28	42.67	61	72.27	16	24.52	33	80.17	41
Juli 8	42.06	62	72.43	38	24.19	34	80.58	10
18	41.44	61	72.05	91	23.85	33	80.48	60
28	40.83	58	71.14	142	23.52	32	79.88	109
Aug. 7	40.25	55	69.72	191	23.20	30	78.79	157
17	39.70	49	67.81	236	22.90	27	77.22	202
27	39.21	43	65.45	277	22.63	23	75.20	243
Sept. 6	38.78	34	62.68	312	22.40	19	72.77	280
16	38.44	26	59.56	341	22.21	14	69.97	312
26	38.18	15	56.15	365	22.07	7	66.85	338
Okt. 6	38.03	4	52.50	380	22.00	0	63.47	358
16	37.99	8	48.70	388	22.00	7	59.89	371
26	38.07	21	44.82	386	22.07	15	56.18	375
Nov. 5	38.28	33	40.96	376	22.22	24	52.43	371
15	38.61	46	37.20	356	22.46	31	48.72	356
25	39.07	57	33.64	325	22.77	38	45.16	333
Dez. 5	39.64	67	30.39	286	23.15	45	41.83	299
15	40.31	76	27.53	236	23.60	49	38.84	255
25	41.07	81	25.17	180	24.09	54	36.29	204
35	41.88		23.37		24.63		34.25	
Mittl. Ort	42.18		54.95		23.90		64.34	
sec δ, tg δ	3.359		+3.207		2.014		+1.748	
a, *a′*	+1.5		−18.7		+2.2		−18.6	
b, *b′*	−0.20		+ 0.36		−0.11		+ 0.37	

Tag	501) ζ Virginis				502) 17 H. Can. ven.			
	AR.		Dekl.		AR.		Dekl.	
1944	13h 31m		−0° 18′		13h 32m		+37° 27′	
Jan. 1	49.073	325	31.03	208	16.424	377	61.60	204
11	49.398	321	33.11	198	16.801	379	59.56	157
21	49.719	309	35.09	181	17.180	367	57.99	105
31	50.028	289	36.90	160	17.547	346	56.94	50
Febr. 10	50.317	261	38.50	134	17.893	315	56.44	5
20	50.578	229	39.84	106	18.208	277	56.49	57
März 1	50.807	195	40.90	77	18.485	233	57.06	105
11	51.002	160	41.67	48	18.718	187	58.11	147
21	51.162	125	42.15	22	18.905	140	59.58	180
31	51.287	91	42.37	2	19.045	94	61.38	206
Apr. 10	14 51.378	61	42.35	22	15 19.139	50	63.44	221
19	51.439	32	42.13	39	19.189	10	65.65	227
29	51.471	6	41.74	52	19.199	27	67.92	224
Mai 9	51.477	18	41.22	61	19.172	60	70.16	214
19	51.459	40	40.61	67	19.112	88	72.30	195
29	51.419	59	39.94	71	19.024	113	74.25	171
Juni 8	51.360	76	39.23	70	18.911	135	75.96	142
18	51.284	92	38.53	69	18.776	150	77.38	109
28	51.192	104	37.84	66	18.626	163	78.47	73
Juli 8	51.088	114	37.18	60	18.463	171	79.20	34
18	50.974	120	36.58	53	18.292	175	79.54	4
28	50.854	121	36.05	45	18.117	173	79.50	44
Aug. 7	50.733	119	35.60	34	17.944	165	79.06	83
17	50.614	109	35.26	21	17.779	152	78.23	121
27	50.505	93	35.05	7	17.627	131	77.02	158
Sept. 6	50.412	72	34.98	11	17.496	105	75.44	193
16	50.340	43	35.09	30	17.391	70	73.51	226
26	50.297	7	35.39	52	17.321	29	71.25	254
Okt. 6	50.290	33	35.91	75	17.292	17	68.71	280
16	50.323	77	36.66	101	17.309	68	65.91	300
26	50.400	124	37.67	125	17.377	122	62.91	315
Nov. 5	50.524	171	38.92	150	17.499	177	59.76	322
15	50.695	215	40.42	172	17.676	231	56.54	322
25	50.910	255	42.14	191	17.907	279	53.32	313
Dez. 5	51.165	287	44.05	204	18.186	320	50.19	295
15	51.452	311	46.09	212	18.506	352	47.24	269
25	51.763	324	48.21	213	18.858	373	44.55	232
35	52.087		50.34		19.231		42.23	
Mittl. Ort	50.218		37.07		17.845		67.43	
sec δ, tg δ	1.000		−0.005		1.260		+0.766	
a, *a′*	+3.1		−18.5		+2.7		−18.4	
b, *b′*	0.00		+ 0.39		−0.05		+ 0.39	

Tag		504) ε Centauri				507) τ Bootis				509) η Ursae maj.				510) 89 Virginis			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944		$13^h\ 36^m$		$-53°\ 10'$		$13^h\ 44^m$		$+17°\ 43'$		$13^h\ 45^m$		$+49°\ 35'$		$13^h\ 46^m$		$-17°\ 51'$	
Jan.	1	$18^s.421$	483	$33''.96$	115	$34^s.695$	330	$66''.80$	219	$18^s.432$	430	$23''.75$	204	$48^s.224$	337	$9''.44$	182
	11	18.904	478	35.11	158	35.025	331	64.61	189	18.862	438	21.71	148	48.561	336	11.26	191
	21	19.382	459	36.69	198	35.356	322	62.72	155	19.300	431	20.23	89	48.897	324	13.17	195
	31	19.841	429	38.67	230	35.678	304	61.17	115	19.731	411	19.34	28	49.221	305	15.12	193
Febr.	10	20.270	390	40.97	255	35.982	278	60.02	74	20.142	379	19.06	34	49.526	280	17.05	184
	20	20.660	345	43.52	274	36.260	247	59.28	31	20.521	337	19.40	92	49.806	249	18.89	172
März	1	21.005	295	46.26	286	36.507	212	58.97	10	20.858	287	20.32	145	50.055	215	20.61	157
	11	21.300	243	49.12	292	36.719	176	59.07	47	21.145	233	21.77	189	50.270	181	22.18	140
	21	21.543	191	52.04	291	36.895	138	59.54	80	21.378	176	23.66	226	50.451	147	23.58	120
	31	21.734	139	54.95	285	37.033	103	60.34	106	21.554	118	25.92	251	50.598	113	24.78	101
Apr.	10	21.873	89	57.80	274	37.136	68	61.40	127	21.672	62	28.43	266	50.711	82	25.79	82
	19	^{16}21.962	39	60.54	258	^{18}37.204	37	62.67	141	^{18}21.734	10	31.09	270	^{18}50.793	52	26.61	65
	29	22.001	7	63.12	236	37.241	7	64.08	148	21.744	40	33.79	264	50.845	24	27.26	47
Mai	9	21.994	52	65.48	212	37.248	20	65.56	148	21.704	83	36.43	250	50.869	3	27.73	31
	19	21.942	95	67.60	183	37.228	44	67.04	144	21.621	122	38.93	226	50.866	27	28.04	16
	29	21.847	134	69.43	150	37.184	65	68.48	134	21.499	156	41.19	195	50.839	50	28.20	2
Juni	8	21.713	171	70.93	115	37.119	85	69.82	120	21.343	184	43.14	160	50.789	72	28.22	12
	18	21.542	201	72.08	77	37.034	102	71.02	103	21.159	207	44.74	120	50.717	91	28.10	25
	28	21.341	228	72.85	36	36.932	116	72.05	82	20.952	224	45.94	76	50.626	108	27.85	37
Juli	8	21.113	247	73.21	4	36.816	127	72.87	60	20.728	236	46.70	30	50.518	121	27.48	48
	18	20.866	258	73.17	46	36.689	133	73.47	36	20.492	240	47.00	16	50.397	131	27.00	58
	28	20.608	261	72.71	85	36.556	136	73.83	11	20.252	239	46.84	62	50.266	136	26.42	66
Aug.	7	20.347	252	71.86	122	36.420	134	73.94	15	20.013	230	46.22	108	50.130	135	25.76	73
	17	20.095	234	70.64	157	36.286	126	73.79	43	19.783	214	45.14	152	49.995	127	25.03	75
	27	19.861	203	69.07	183	36.160	110	73.36	70	19.569	191	43.62	194	49.868	112	24.28	75
Sept.	6	19.658	161	67.24	205	36.050	90	72.66	98	19.378	159	41.68	232	49.756	90	23.53	71
	16	19.497	108	65.19	218	35.960	62	71.68	125	19.219	120	39.36	267	49.666	60	22.82	62
	26	19.389	45	63.01	222	35.898	27	70.43	153	19.099	72	36.69	298	49.606	23	22.20	50
Okt.	6	19.344	25	60.79	218	35.871	13	68.90	179	19.027	17	33.71	324	49.583	21	21.70	31
	16	19.369	100	58.61	203	35.884	59	67.11	204	19.010	43	30.47	342	49.604	68	21.39	9
	26	19.469	177	56.58	179	35.943	106	65.07	226	19.053	106	27.05	355	49.672	118	21.30	17
Nov.	5	19.646	252	54.79	146	36.049	155	62.81	243	19.159	172	23.50	359	49.790	168	21.47	46
	15	19.898	321	53.33	106	36.204	202	60.38	255	19.331	236	19.91	353	49.958	216	21.93	75
	25	20.219	381	52.27	60	36.406	245	57.83	262	19.567	296	16.38	339	50.174	259	22.68	104
Dez.	5	20.600	429	51.67	12	36.651	281	55.21	261	19.863	348	12.99	314	50.433	294	23.72	132
	15	21.029	463	51.55	38	36.932	309	52.60	252	20.211	391	9.85	281	50.727	320	25.04	156
	25	21.492	481	51.93	88	37.241	327	50.08	236	20.602	422	7.04	237	51.047	335	26.60	175
	35	21.973		52.81		37.568		47.72		21.024		4.67		51.382		28.35	
Mittl. Ort		19.519		56.30		36.002		66.56		20.126		31.97		49.408		21.62	
sec δ, tg δ		1.669		−1.336		1.050		+0.320		1.543		+1.175		1.051		−0.322	
a, *a′*		+3.8		−18.3		+2.9		−18.0		+2.4		−18.0		+3.3		−17.9	
b, *b′*		+0.08		+ 0.41		−0.02		+ 0.44		−0.07		+ 0.44		+0.02		+ 0.45	

Tag	513) η Bootis[1] AR.		513) η Bootis[1] Dekl.		512) ζ Centauri AR.		512) ζ Centauri Dekl.	
1944	13h 51m		+18° 40′		13h 52m		−47° 0′	
Jan. 1	59.691	330	39.70	222	0.798	436	27.56	112
11	60.021	332	37.48	192	1.234	435	28.68	151
21	60.353	325	35.56	157	1.669	422	30.19	185
31	60.678	308	33.99	116	2.091	398	32.04	212
Febr. 10	60.986	283	32.83	73	2.489	366	34.16	234
20	61.269	254	32.10	30	2.855	328	36.50	250
März 1	61.523	219	31.80	$\overline{11}$	3.183	286	39.00	258
11	61.742	182	31.91	50	3.469	242	41.58	262
21	61.924	145	32.41	84	3.711	197	44.20	260
31	62.069	110	33.25	112	3.908	153	46.80	254
Apr. 10	62.179	75	34.37	133	4.061	108	49.34	242
20	[20] 62.254	44	35.70	145	[20] 4.169	65	51.76	228
29	62.298	13	37.15	155	4.234	24	54.04	210
Mai 9	62.311	$\overline{16}$	38.70	154	4.258	$\overline{16}$	56.14	187
19	62.295	39	40.24	149	4.242	54	58.01	163
29	62.256	63	41.73	137	4.188	91	59.64	134
Juni 8	62.193	82	43.10	125	4.097	124	60.98	103
18	62.111	100	44.35	106	3.973	155	62.01	71
28	62.011	115	45.41	85	3.818	180	62.72	35
Juli 8	61.896	127	46.26	61	3.638	202	63.07	0
18	61.769	136	46.87	37	3.436	216	63.07	36
28	61.633	139	47.24	10	3.220	222	62.71	71
Aug. 7	61.494	137	47.34	$\overline{18}$	2.998	220	62.00	104
17	61.357	130	47.16	45	2.778	208	60.96	134
27	61.227	115	46.71	73	2.570	185	59.62	158
Sept. 6	61.112	96	45.98	102	2.385	151	58.04	177
16	61.016	68	44.96	131	2.234	108	56.27	189
26	60.948	33	43.65	158	2.126	55	54.38	194
Okt. 6	60.915	$\overline{6}$	42.07	186	2.071	$\overline{7}$	52.44	188
16	60.921	52	40.21	210	2.078	73	50.56	175
26	60.973	101	38.11	231	2.151	141	48.81	153
Nov. 5	61.074	149	35.80	248	2.292	210	47.28	123
15	61.223	197	33.32	261	2.502	274	46.05	87
25	61.420	241	30.71	268	2.776	331	45.18	46
Dez. 5	61.661	278	28.03	266	3.107	377	44.72	$\underline{1}$
15	61.939	307	25.37	256	3.484	411	44.71	44
25	62.246	327	22.81	240	3.895	433	45.15	88
35	62.573		20.41		4.328		46.03	
Mittl. Ort	61.036		39.64		2.053		48.34	
sec δ, tg δ	1.056		+0.338		1.467		−1.073	
a, a′	+2.9		−17.7		+3.7		−17.7	
b, b′	−0.02		+ 0.47		+0.06		+ 0.47	

Tag	517) ι Bootis AR.		517) ι Bootis Dekl.		516) τ Virginis AR.		516) τ Virginis Dekl.	
1944	13h 58m		+27° 39′		13h 58m		+1° 48′	
Jan. 1	36.629	342	20.33	227	46.318	320	58.76	209
11	36.971	347	18.06	189	46.638	322	56.67	197
21	37.318	341	16.17	145	46.960	315	54.70	179
31	37.659	326	14.72	98	47.275	299	52.91	156
Febr. 10	37.985	302	13.74	$\underline{48}$	47.574	276	51.35	128
20	38.287	272	13.26	2	47.850	248	50.07	98
März 1	38.559	236	13.28	49	48.098	217	49.09	67
11	38.795	198	13.77	92	48.315	184	48.42	37
21	38.993	159	14.69	128	48.499	151	48.05	9
31	39.152	119	15.97	157	48.650	118	47.96	$\overline{17}$
Apr. 10	39.271	82	17.54	179	48.768	87	48.13	37
20	[21] 39.353	46	19.33	192	[21] 48.855	58	48.50	55
29	39.399	13	21.25	196	48.913	31	49.05	67
Mai 9	39.412	$\overline{18}$	23.21	194	48.944	4	49.72	76
19	39.394	46	25.15	184	48.948	$\overline{19}$	50.48	81
29	39.348	72	26.99	169	48.929	42	51.29	82
Juni 8	39.276	95	28.68	148	48.887	63	52.11	81
18	39.181	114	30.16	123	48.824	82	52.92	76
28	39.067	131	31.39	94	48.742	99	53.68	71
Juli 8	38.936	144	32.33	64	48.643	112	54.39	62
18	38.792	153	32.97	32	48.531	123	55.01	53
28	38.639	157	33.29	$\overline{2}$	48.408	128	55.54	41
Aug. 7	38.482	155	33.27	36	48.280	129	55.95	29
17	38.327	149	32.91	70	48.151	124	56.24	14
27	38.178	135	32.21	104	48.027	111	56.38	$\overline{2}$
Sept. 6	38.043	113	31.17	138	47.916	93	56.36	20
16	37.930	85	29.79	170	47.823	67	56.16	41
26	37.845	50	28.09	200	47.756	33	55.75	63
Okt. 6	37.795	8	26.09	228	47.723	$\overline{6}$	55.12	86
16	37.787	$\overline{39}$	23.81	254	47.729	50	54.26	110
26	37.826	89	21.27	273	47.779	97	53.16	135
Nov. 5	37.915	141	18.54	288	47.876	146	51.81	158
15	38.056	192	15.66	297	48.022	192	50.23	179
25	38.248	239	12.69	298	48.214	234	48.44	197
Dez. 5	38.487	280	9.71	290	48.448	270	46.47	209
15	38.767	313	6.81	274	48.718	299	44.38	215
25	39.080	336	4.07	249	49.017	316	42.23	215
35	39.416		1.58		49.333		40.08	
Mittl. Ort	38.085		22.74		47.622		53.06	
sec δ, tg δ	1.129		+0.524		1.001		+0.032	
a, a′	+2.7		−17.4		+3.1		−17.4	
b, b′	−0.03		+ 0.49		0.00		+ 0.50	

[1]) Die jährliche Parallaxe (0″.112) ist bereits berücksichtigt.

Tag		518) β Centauri				521) α Draconis				520) ϑ Centauri				522) 12 d Bootis			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944		13ʰ 59ᵐ		−60° 5′		14ʰ 2ᵐ		+64° 38′		14ʰ 3ᵐ		−36° 5′		14ʰ 7ᵐ		+25° 21′	
Jan.	1	49.64	56	50.10	67	49.85	58	24.77	202	21.373	379	25.45	130	49.167	334	20.69	231
	11	50.20	56	50.77	116	50.43	60	22.75	142	21.752	381	26.75	160	49.501	341	18.38	197
	21	50.76	55	51.93	160	51.03	61	21.33	77	22.133	372	28.35	183	49.842	337	16.41	155
	31	51.31	52	53.53	200	51.64	59	20.56	9	22.505	353	30.18	200	50.179	324	14.86	109
Febr.	10	51.83	49	55.53	234	52.23	56	20.47	57	22.858	327	32.18	212	50.503	301	13.77	60
	20	52.32	44	57.87	260	52.79	50	21.04	119	23.185	295	34.30	218	50.804	273	13.17	12
März	1	52.76	38	60.47	281	53.29	43	22.23	175	23.480	260	36.48	219	51.077	240	13.05	35
	11	53.14	33	63.28	294	53.72	35	23.98	223	23.740	224	38.67	216	51.317	204	13.40	78
	21	53.47	27	66.22	302	54.07	28	26.21	260	23.964	186	40.83	209	51.521	166	14.18	114
	31	53.74	21	69.24	302	54.35	18	28.81	287	24.150	148	42.92	198	51.687	128	15.32	145
Apr.	10	53.95	14	72.26	298	54.53	9	31.68	301	24.298	111	44.90	186	51.815	92	16.77	168
	20	22 54.09	9	75.24	287	22 54.62	1	34.69	305	22 24.409	76	46.76	170	24 51.907	57	18.45	182
	29	54.18	3	78.11	272	54.63	7	37.74	297	24.485	42	48.46	153	51.964	24	20.27	189
Mai	9	54.21	4	80.83	251	54.56	14	40.71	278	24.527	8	49.99	135	51.988	6	22.16	188
	19	54.17	9	83.34	224	54.42	22	43.49	251	24.535	24	51.34	113	51.982	35	24.04	181
	29	54.08	14	85.58	194	54.20	27	46.00	216	24.511	55	52.47	92	51.947	61	25.85	167
Juni	8	53.94	19	87.52	159	53.93	32	48.16	175	24.456	84	53.39	67	51.886	85	27.52	148
	18	53.75	23	89.11	121	53.61	37	49.91	129	24.372	111	54.06	42	51.801	105	29.00	126
	28	53.52	28	90.32	79	53.24	39	51.20	80	24.261	135	54.48	16	51.696	124	30.26	100
Juli	8	53.24	30	91.11	35	52.85	41	52.00	28	24.126	154	54.64	10	51.572	138	31.26	71
	18	52.94	33	91.46	9	52.44	42	52.28	24	23.972	169	54.54	37	51.434	149	31.97	40
	28	52.61	33	91.37	54	52.02	42	52.04	76	23.803	178	54.17	62	51.285	155	32.37	8
Aug.	7	52.28	34	90.83	98	51.60	41	51.28	127	23.625	179	53.55	85	51.130	155	32.45	25
	17	51.94	31	89.85	137	51.19	38	50.01	175	23.446	172	52.70	107	50.975	150	32.20	58
	27	51.63	28	88.48	173	50.81	35	48.26	220	23.274	156	51.63	123	50.825	138	31.62	91
Sept.	6	51.35	24	86.75	203	50.46	31	46.06	263	23.118	131	50.40	134	50.687	118	30.71	123
	16	51.11	18	84.72	225	50.15	25	43.43	299	22.987	96	49.06	141	50.569	91	29.48	156
	26	50.93	10	82.47	237	49.90	18	40.44	331	22.891	52	47.65	139	50.478	57	27.92	186
Okt.	6	50.83	3	80.10	242	49.72	10	37.13	356	22.839	2	46.26	132	50.421	17	26.06	215
	16	50.80	7	77.68	235	49.62	2	33.57	375	22.837	54	44.94	116	50.404	30	23.91	240
	26	50.87	16	75.33	217	49.60	7	29.82	384	22.891	113	43.78	95	50.434	80	21.51	262
Nov.	5	51.03	25	73.16	191	49.67	16	25.98	385	23.004	173	42.83	67	50.514	131	18.89	279
	15	51.28	33	71.25	156	49.83	26	22.13	377	23.177	229	42.16	34	50.645	181	16.10	289
	25	51.61	41	69.69	113	50.09	35	18.36	358	23.406	280	41.82	3	50.826	228	13.21	292
Dez.	5	52.02	48	68.56	65	50.44	44	14.78	328	23.686	322	41.85	40	51.054	270	10.29	288
	15	52.50	52	67.91	14	50.88	50	11.50	288	24.008	355	42.25	77	51.324	304	7.41	274
	25	53.02	55	67.77	37	51.38	56	8.62	239	24.363	375	43.02	112	51.628	328	4.67	252
	35	53.57		68.14		51.94		6.23		24.738		44.14		51.956		2.15	
Mittl. Ort		51.12		73.64		52.22		34.77		22.690		43.24		50.649		22.20	
sec δ, tg δ		2.006		−1.739		2.335		+2.110		1.238		−0.729		1.107		+0.474	
a, *a′*		+4.2		−17.4		+1.6		−17.2		+3.6		−17.2		+2.7		−17.0	
b, *b′*		+0.10		+ 0.50		−0.12		+ 0.51		+0.04		+ 0.51		−0.03		+ 0.53	

Scheinbare Sternörter 1944

Tag	524) 4 Ursae min. AR.		524) Dekl.		523) κ Virginis AR.		523) Dekl.		525) ι Virginis AR.		525) Dekl.		526) α Bootis AR.		526) Dekl.	
1944	14h 8m		+77° 48′		14h 9m		−10° 0′		14h 13m		−5° 43′		14h 13m		+19° 28′	
	s		″		s		″		s		″		s		″	
Jan. 1	57.85	105	27.37	187	52.909	323	40.59	187	3.096	320	54.57	195	4.879	322	23.82	236
11	58.90	111	25.50	123	53.232	327	42.46	188	3.416	323	56.52	193	5.201	329	21.46	206
21	60.01	114	24.27	57	53.559	321	44.34	183	3.739	318	58.45	183	5.530	325	19.40	170
31	61.15	111	23.70	11	53.880	306	46.17	173	4.057	304	60.28	168	5.855	313	17.70	130
Febr. 10	62.26	106	23.81	78	54.186	284	47.90	157	4.361	284	61.96	148	6.168	292	16.40	86
20	63.32	97	24.59	140	54.470	258	49.47	139	4.645	258	63.44	126	6.460	265	15.54	41
März 1	64.29	84	25.99	195	54.728	228	50.86	117	4.903	228	64.70	100	6.725	234	15.13	3
11	65.13	68	27.94	242	54.956	197	52.03	94	5.131	197	65.70	74	6.959	201	15.16	44
21	65.81	52	30.36	277	55.153	165	52.97	72	5.328	166	66.44	50	7.160	165	15.60	79
31	66.33	34	33.13	302	55.318	133	53.69	51	5.494	134	66.94	27	7.325	130	16.39	109
Apr. 10	66.67	14	36.15	313	55.451	103	54.20	31	5.628	104	67.21	7	7.455	95	17.48	133
20	66.81	3	39.28	314	55.554	73	54.51	14	5.732	75	67.28	11	7.550	63	18.81	148
29	[24] 66.78	21	42.42	302	[24] 55.627	46	54.65	1	[25] 5.807	47	67.17	25	[25] 7.613	32	20.29	158
Mai 9	66.57	37	45.44	281	55.673	18	54.64	14	5.854	20	66.92	37	7.645	3	21.87	160
19	66.20	52	48.25	250	55.691	7	54.50	24	5.874	5	66.55	44	7.648	25	23.47	156
29	65.68	65	50.75	212	55.684	31	54.26	33	5.869	29	66.11	51	7.623	50	25.03	146
Juni 8	65.03	75	52.87	168	55.653	55	53.93	39	5.840	53	65.60	54	7.573	74	26.49	132
18	64.28	84	54.55	118	55.598	75	53.54	44	5.787	74	65.06	56	7.499	95	27.81	114
28	63.44	89	55.73	67	55.523	95	53.10	49	5.713	94	64.50	56	7.404	113	28.95	93
Juli 8	62.55	94	56.40	13	55.428	112	52.61	51	5.619	109	63.94	55	7.291	129	29.88	68
18	61.61	96	56.53	42	55.316	125	52.10	53	5.510	123	63.39	52	7.162	141	30.56	43
28	60.65	95	56.11	95	55.191	132	51.57	53	5.387	131	62.87	48	7.021	148	30.99	15
Aug. 7	59.70	92	55.16	147	55.059	135	51.04	52	5.256	134	62.39	42	6.873	149	31.14	13
17	58.78	86	53.69	195	54.924	132	50.52	48	5.122	132	61.97	35	6.724	146	31.01	42
27	57.92	80	51.74	240	54.792	122	50.04	41	4.990	121	61.62	24	6.578	135	30.59	72
Sept. 6	57.12	70	49.34	281	54.670	102	49.63	32	4.869	104	61.38	12	6.443	117	29.87	102
16	56.42	59	46.53	317	54.568	77	49.31	20	4.765	78	61.26	3	6.326	91	28.85	132
26	55.83	46	43.36	346	54.491	42	49.11	5	4.687	46	61.29	20	6.235	59	27.53	160
Okt. 6	55.37	31	39.90	369	54.449	3	49.06	15	4.641	6	61.49	42	6.176	19	25.93	188
16	55.06	15	36.21	384	54.446	43	49.21	37	4.635	38	61.91	64	6.157	25	24.05	215
26	54.91	3	32.37	391	54.489	91	49.58	60	4.673	86	62.55	88	6.182	74	21.90	237
Nov. 5	54.94	22	28.46	388	54.580	140	50.18	86	4.759	135	63.43	112	6.256	124	19.53	256
15	55.16	39	24.58	375	54.720	189	51.04	112	4.894	183	64.55	137	6.380	173	16.97	270
25	55.55	57	20.83	353	54.909	233	52.16	135	5.077	227	65.92	158	6.553	219	14.27	277
Dez. 5	56.12	73	17.30	319	55.142	271	53.51	156	5.304	265	67.50	176	6.772	260	11.50	277
15	56.85	88	14.11	277	55.413	299	55.07	174	5.569	294	69.26	189	7.032	292	8.73	269
25	57.73	100	11.34	225	55.712	320	56.81	184	5.863	315	71.15	197	7.324	316	6.04	252
35	58.73		9.09		56.032		58.65		6.178		73.12		7.640		3.52	
Mittl. Ort	61.96		38.19		54.249		50.30		4.460		62.89		6.343		23.48	
sec δ, tg δ	4.736		+4.629		1.016		−0.177		1.005		−0.100		1.061		+0.354	
a, a′	−0.2		−16.9		+3.2		−16.9		+3.1		−16.8		+2.8		−16.8	
b, b′	−0.26		+ 0.53		+0.01		+ 0.54		+0.01		+ 0.55		−0.02		+ 0.55	

Tag	527) λ Bootis				531) ϑ Bootis				534) ρ Bootis				535) γ Bootis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	$14^h\ 14^m$		$+46^\circ 20'$		$14^h\ 23^m$		$+52^\circ 6'$		$14^h\ 29^m$		$+30^\circ 36'$		$14^h\ 29^m$		$+38^\circ 32'$	
Jan. 1	$13^s.503$	395	$34''.64$	234	$15^s.383$	422	$24''.86$	240	$23^s.300$	334	$56''.66$	245	$47^s.612$	355	$64''.37$	248
11	13.898	409	32.30	183	15.805	443	22.46	187	23.634	346	54.21	207	47.967	369	61.89	204
21	14.307	410	30.47	126	16.248	448	20.59	127	23.980	348	52.14	162	48.336	372	59.85	152
31	14.717	399	29.21	65	16.696	439	19.32	64	24.328	338	50.52	112	48.708	364	58.33	97
Febr. 10	15.116	375	28.56	5	17.135	416	18.68	0	24.666	321	49.40	59	49.072	346	57.36	39
20	15.491	341	28.51	56	17.551	383	18.68	63	24.987	295	48.81	6	49.418	318	56.97	18
März 1	15.832	301	29.07	112	17.934	339	19.31	121	25.282	265	48.75	46	49.736	284	57.15	73
11	16.133	254	30.19	161	18.273	289	20.52	172	25.547	229	49.21	92	50.020	246	57.88	123
21	16.387	204	31.80	202	18.562	234	22.24	215	25.776	192	50.13	133	50.266	204	59.11	166
31	16.591	153	33.82	234	18.796	176	24.39	248	25.968	153	51.46	167	50.470	162	60.77	201
Apr. 10	16.744	102	36.16	255	18.972	118	26.87	271	26.121	115	53.13	192	50.632	118	62.78	225
20	16.846	52	38.71	267	19.090	60	29.58	282	26.236	77	55.05	209	50.750	75	65.03	242
29	[25] 16.898	5	41.38	267	[27] 19.150	6	32.40	283	[29] 26.313	42	57.14	217	[29] 50.825	35	67.45	247
Mai 9	16.903	39	44.05	259	19.156	45	35.23	274	26.355	8	59.31	218	50.860	4	69.92	245
19	16.864	79	46.64	242	19.111	93	37.97	255	26.363	25	61.49	209	50.856	41	72.37	233
29	16.785	116	49.06	216	19.018	137	40.52	229	26.338	56	63.58	194	50.815	74	74.70	214
Juni 8	16.669	148	51.22	186	18.881	174	42.81	196	26.282	83	65.52	174	50.741	105	76.84	189
18	16.521	175	53.08	149	18.707	207	44.77	157	26.199	108	67.26	149	50.636	133	78.73	159
28	16.346	199	54.57	109	18.500	235	46.34	115	26.091	130	68.75	119	50.503	156	80.32	124
Juli 8	16.147	215	55.66	66	18.265	255	47.49	69	25.961	149	69.94	86	50.347	175	81.56	86
18	15.932	228	56.32	21	18.010	270	48.18	21	25.812	163	70.80	52	50.172	191	82.42	46
28	15.704	233	56.53	25	17.740	277	48.39	27	25.649	173	71.32	15	49.981	200	82.88	4
Aug. 7	15.471	232	56.28	70	17.463	277	48.12	75	25.476	176	71.47	21	49.781	203	82.92	37
17	15.239	224	55.58	115	17.186	268	47.37	123	25.300	174	71.26	59	49.578	199	82.55	80
27	15.015	206	54.43	158	16.918	250	46.14	168	25.126	164	70.67	96	49.379	188	81.75	121
Sept. 6	14.809	182	52.85	199	16.668	223	44.46	211	24.962	147	69.71	133	49.191	168	80.54	161
16	14.627	148	50.86	238	16.445	187	42.35	251	24.815	121	68.38	168	49.023	140	78.93	199
26	14.479	106	48.48	272	16.258	142	39.84	287	24.694	88	66.70	202	48.883	104	76.94	234
Okt. 6	14.373	56	45.76	301	16.116	88	36.97	318	24.606	47	64.68	232	48.779	61	74.60	266
16	14.317	0	42.75	326	16.028	26	33.79	342	24.559	0	62.36	259	48.718	11	71.94	293
26	14.317	60	39.49	344	16.002	40	30.37	360	24.559	51	59.77	282	48.707	44	69.01	315
Nov. 5	14.377	124	36.05	354	16.042	111	26.77	370	24.610	105	56.95	300	48.751	102	65.86	330
15	14.501	188	32.51	356	16.153	181	23.07	371	24.715	158	53.95	311	48.853	160	62.56	337
25	14.689	247	28.95	348	16.334	248	19.36	361	24.873	210	50.84	313	49.013	216	59.19	336
Dez. 5	14.936	302	25.47	329	16.582	311	15.75	342	25.083	256	47.71	307	49.229	266	55.83	325
15	15.238	348	22.18	302	16.893	364	12.33	312	25.339	294	44.64	292	49.495	309	52.58	304
25	15.586	382	19.16	264	17.257	406	9.21	272	25.633	324	41.72	267	49.804	342	49.54	275
35	15.968		16.52		17.663		6.49		25.957		39.05		50.146		46.79	
Mittl. Ort	15.295		41.18		17.364		32.16		24.935		59.02		49.348		68.66	
sec δ, tg δ	1.449		+1.048		1.628		+1.285		1.162		+0.592		1.279		+0.797	
a, *a′*	+2.3		−16.7		+2.1		−16.3		+2.6		−15.9		+2.4		−15.9	
b, *b′*	−0.06		+ 0.55		−0.07		+ 0.59		−0.03		+ 0.61		−0.04		+ 0.61	

Tag	537) η Centauri AR.		537) η Centauri Dekl.		538) α Centauri[1] AR.		538) α Centauri[1] Dekl.		1382) 32 Bootis AR.		1382) 32 Bootis Dekl.		545) μ Virginis AR.		545) μ Virginis Dekl.	
1944	14h 31m		−41° 54′		14h 35m		−60° 36′		14h 39m		+11° 53′		14h 40m		−5° 24′	
Jan. 1	54.845 s	399	27.85 "	84	44.85 s	55	0.80 "	27	0.427 s	307	66.18 "	227	4.800 s	310	48.67 "	190
11	55.244	407	28.69	118	45.40	57	1.07	76	0.734	319	63.91	206	5.110	320	50.57	186
21	55.651	404	29.87	147	45.97	56	1.83	120	1.053	319	61.85	179	5.430	319	52.43	178
31	56.055	391	31.34	172	46.53	54	3.03	160	1.372	310	60.06	146	5.749	310	54.21	162
Febr. 10	56.446	370	33.06	191	47.07	51	4.63	196	1.682	295	58.60	109	6.059	294	55.83	143
20	56.816	342	34.97	204	47.58	47	6.59	227	1.977	273	57.51	69	6.353	272	57.26	120
März 1	57.158	308	37.01	213	48.05	43	8.86	249	2.250	247	56.82	29	6.625	246	58.46	94
11	57.466	273	39.14	217	48.48	37	11.35	267	2.497	218	56.53	8	6.871	219	59.40	69
21	57.739	236	41.31	217	48.85	31	14.02	279	2.715	186	56.61	43	7.090	190	60.09	44
31	57.975	197	43.48	212	49.16	26	16.81	284	2.901	155	57.04	74	7.280	160	60.53	20
Apr. 10	58.172	159	45.60	206	49.42	20	19.65	285	3.056	124	57.78	98	7.440	131	60.73	0
20	58.331	120	47.66	195	49.62	13	22.50	280	3.180	94	58.76	117	7.571	101	60.73	18
30	30 58.451	81	49.61	183	1 49.75	7	25.30	269	1 3.274	63	59.93	130	1 7.672	73	60.55	31
Mai 9	58.532	43	51.44	167	49.82	1	27.99	254	3.337	34	61.23	136	7.745	46	60.24	42
19	58.575	5	53.11	149	49.83	5	30.53	233	3.371	6	62.59	138	7.791	18	59.82	51
29	58.580	33	54.60	128	49.78	11	32.86	207	3.377	21	63.97	134	7.809	9	59.31	55
Juni 8	58.547	69	55.88	105	49.67	17	34.93	178	3.356	46	65.31	125	7.800	35	58.76	57
18	58.478	103	56.93	79	49.50	22	36.71	143	3.310	71	66.56	113	7.765	59	58.19	59
28	58.375	135	57.72	51	49.28	26	38.14	106	3.239	94	67.69	98	7.706	83	57.60	57
Juli 8	58.240	162	58.23	23	49.02	31	39.20	64	3.145	112	68.67	81	7.623	103	57.03	55
18	58.078	184	58.46	6	48.71	34	39.84	22	3.033	129	69.48	61	7.520	121	56.48	50
28	57.894	199	58.40	37	48.37	35	40.06	22	2.904	141	70.09	39	7.399	133	55.98	46
Aug. 7	57.695	207	58.03	65	48.02	36	39.84	65	2.763	147	70.48	17	7.266	141	55.52	40
17	57.488	205	57.38	93	47.66	35	39.19	107	2.616	147	70.65	6	7.125	141	55.12	31
27	57.283	192	56.45	116	47.31	34	38.12	145	2.469	141	70.59	32	6.984	136	54.81	21
Sept. 6	57.091	169	55.29	135	46.97	29	36.67	178	2.328	127	70.27	57	6.848	122	54.60	9
16	56.922	136	53.94	150	46.68	23	34.89	206	2.201	105	69.70	83	6.726	99	54.51	5
26	56.786	92	52.44	157	46.45	17	32.83	224	2.096	75	68.87	110	6.627	69	54.56	22
Okt. 6	56.694	39	50.87	156	46.28	9	30.59	235	2.021	39	67.77	137	6.558	32	54.78	41
16	56.655	21	49.31	149	46.19	0	28.24	235	1.982	4	66.40	163	6.526	12	55.19	62
26	56.676	84	47.82	134	46.19	10	25.89	226	1.986	52	64.77	187	6.538	59	55.81	86
Nov. 5	56.760	149	46.48	111	46.29	19	23.63	205	2.038	101	62.90	208	6.597	109	56.67	109
15	56.909	213	45.37	83	46.48	28	21.58	177	2.139	151	60.82	227	6.706	158	57.76	131
25	57.122	272	44.54	49	46.76	37	19.81	140	2.290	197	58.55	240	6.864	204	59.07	152
Dez. 5	57.394	321	44.05	12	47.13	44	18.41	97	2.487	239	56.15	247	7.068	245	60.59	170
15	57.715	362	43.93	26	47.57	49	17.44	51	2.726	273	53.68	246	7.313	279	62.29	183
25	58.077	390	44.19	64	48.06	54	16.93	2	2.999	299	51.22	239	7.592	303	64.12	190
35	58.467		44.83		48.60		16.91		3.298		48.83		7.895		66.02	
Mittl. Ort	56.451		46.76		46.80		23.71		1.974		63.11		6.313		57.00	
sec δ, tg δ	1.344		−0.898		2.038		−1.775		1.022		+0.211		1.004		−0.095	
a, *a′*	+3.8		−15.8		+4.6		−15.6		+2.9		−15.4		+3.2		−15.3	
b, *b′*	+0.05		+ 0.62		+0.09		+ 0.63		−0.01		+ 0.64		0.00		+ 0.64	

[1]) Ort des helleren Sterns. Die jährliche Parallaxe (0".756) ist bereits berücksichtigt.

Tag		542) α Apodis AR.		542) α Apodis Dekl.		547) 109 Virginis AR.		547) 109 Virginis Dekl.		548) α² Librae AR.		548) α² Librae Dekl.		549) Grb 2164 Draco AR.		549) Grb 2164 Draco Dekl.	
1944		14h 40m		−78° 48′		14h 43m		+2° 7′		14h 47m		−15° 48′		14h 49m		+59° 30′	
Jan.	1	44.29 s	126	8.96″	45	23.353 s	305	46.04″	207	44.968 s	318	25.39″	156	58.480 s	460	68.15″	260
	11	45.55	131	8.51	13	23.658	316	43.97	196	45.286	328	26.95	164	58.940	495	65.55	205
	21	46.86	132	8.64	68	23.974	315	42.01	179	45.614	329	28.59	166	59.435	513	63.50	145
	31	48.18	130	9.32	121	24.289	308	40.22	155	45.943	320	30.25	164	59.948	514	62.05	79
Febr.	10	49.48	125	10.53	169	24.597	293	38.67	129	46.263	305	31.89	155	60.462	500	61.26	12
	20	50.73	117	12.22	214	24.890	272	37.38	98	46.568	284	33.44	142	60.962	470	61.14	53
März	1	51.90	108	14.36	252	25.162	247	36.40	66	46.852	260	34.86	127	61.432	427	61.67	116
	11	52.98	95	16.88	283	25.409	218	35.74	34	47.112	232	36.13	110	61.859	373	62.83	172
	21	53.93	81	19.71	308	25.627	190	35.40	5	47.344	202	37.23	92	62.232	311	64.55	219
	31	54.74	67	22.79	325	25.817	160	35.35	22	47.546	174	38.15	75	62.543	244	66.74	258
Apr.	10	55.41	52	26.04	337	25.977	131	35.57	44	47.720	144	38.90	58	62.787	174	69.32	284
	20	55.93	35	29.41	341	26.108	101	36.01	63	47.864	115	39.48	42	62.961	104	72.16	300
	30	[2] 56.28	18	32.82	337	[3] 26.209	72	36.64	77	[4] 47.979	86	39.90	28	[4] 63.065	34	75.16	304
Mai	9	56.46	1	36.19	328	26.281	45	37.41	86	48.065	56	40.18	17	63.099	34	78.20	298
	19	56.47	15	39.47	310	26.326	16	38.27	91	48.121	28	40.35	5	63.065	96	81.18	282
	29	56.32	32	42.57	286	26.342	10	39.18	93	48.149	1	40.40	3	62.969	155	84.00	257
Juni	8	56.00	48	45.43	256	26.332	36	40.11	90	48.148	29	40.37	12	62.814	208	86.57	225
	18	55.52	62	47.99	218	26.296	60	41.01	85	48.119	56	40.25	20	62.606	255	88.82	186
	28	54.90	74	50.17	175	26.236	84	41.86	78	48.063	82	40.05	27	62.351	294	90.68	142
Juli	8	54.16	85	51.92	129	26.152	104	42.64	69	47.981	105	39.78	32	62.057	326	92.10	95
	18	53.31	93	53.21	77	26.048	122	43.33	58	47.876	124	39.46	39	61.731	350	93.05	46
	28	52.38	98	53.98	23	25.926	134	43.91	45	47.752	139	39.07	44	61.381	364	93.51	5
Aug.	7	51.40	100	54.21	31	25.792	142	44.36	32	47.613	148	38.63	47	61.017	370	93.46	57
	17	50.40	97	53.90	84	25.650	143	44.68	16	47.465	151	38.16	48	60.647	364	92.89	107
	27	49.43	92	53.06	136	25.507	138	44.84	0	47.314	146	37.68	49	60.283	349	91.82	156
Sept.	6	48.51	82	51.70	184	25.369	125	44.84	19	47.168	131	37.19	47	59.934	322	90.26	202
	16	47.69	69	49.86	223	25.244	103	44.65	38	47.037	109	36.72	40	59.612	283	88.24	246
	26	47.00	52	47.63	256	25.141	74	44.27	59	46.928	78	36.32	31	59.329	234	85.78	285
Okt.	6	46.48	32	45.07	279	25.067	37	43.68	83	46.850	39	36.01	18	59.095	173	82.93	319
	16	46.16	12	42.28	290	25.030	5	42.85	106	46.811	6	35.83	0	58.922	104	79.74	347
	26	46.04	11	39.38	290	25.035	52	41.79	129	46.817	55	35.83	19	58.818	27	76.27	368
Nov.	5	46.15	34	36.48	279	25.087	102	40.50	153	46.872	107	36.02	42	58.791	56	72.59	380
	15	46.49	56	33.69	255	25.189	150	38.97	173	46.979	159	36.44	67	58.847	140	68.79	383
	25	47.05	77	31.14	223	25.339	196	37.24	191	47.138	207	37.11	91	58.987	224	64.96	377
Dez.	5	47.82	95	28.91	180	25.535	238	35.33	204	47.345	249	38.02	114	59.211	303	61.19	359
	15	48.77	110	27.11	131	25.773	272	33.29	212	47.594	284	39.16	134	59.514	373	57.60	330
	25	49.87	121	25.80	77	26.045	297	31.17	212	47.878	310	40.50	151	59.887	433	54.30	291
	35	51.08		25.03		26.342		29.05		48.188		42.01		60.320		51.39	
Mittl. Ort		48.30		33.88		24.891		40.00		46.533		36.82		60.889		75.43	
sec δ, tg δ		5.153		−5.055		1.001		+0.037		1.039		−0.283		1.972		+1.699	
a, a′		+7.4		−15.3		+3.0		−15.2		+3.3		−14.9		+1.5		−14.8	
b, b′		+0.26		+ 0.65		0.00		+ 0.65		+0.01		+ 0.67		−0.08		+ 0.68	

Tag	550) β Ursae min. AR.		550) β Ursae min. Dekl.		551) Pi 14ʰ 221 Boot AR.		551) Pi 14ʰ 221 Boot Dekl.		552) β Lupi AR.		552) β Lupi Dekl.		555) β Bootis AR.		555) β Bootis Dekl.	
1944	14ʰ 50ᵐ		+74° 22′		14ʰ 53ᵐ		+14° 40′		14ʰ 54ᵐ		−42° 54′		14ʰ 59ᵐ		+40° 36′	
	s		″		s		″		s		″		s		″	
Jan. 1	46.85	76	55.21	242	32.880	303	20.13	234	49.364	395	16.26	57	48.208	340	34.32	271
11	47.61	84	52.79	185	33.183	316	17.79	212	49.759	409	16.83	90	48.548	363	31.61	227
21	48.45	88	50.94	121	33.499	319	15.67	182	50.168	412	17.73	121	48.911	373	29.34	177
31	49.33	90	49.73	54	33.818	314	13.85	146	50.580	404	18.94	147	49.284	373	27.57	121
Febr. 10	50.23	88	49.19	−15	34.132	302	12.39	107	50.984	386	20.41	167	49.657	361	26.36	62
20	51.11	83	49.34	81	34.434	282	11.32	65	51.370	363	22.08	184	50.018	341	25.74	1
März 1	51.94	75	50.15	143	34.716	257	10.67	23	51.733	335	23.92	194	50.359	312	25.73	−57
11	52.69	66	51.58	198	34.973	229	10.44	−17	52.068	301	25.86	202	50.671	278	26.30	111
21	53.35	54	53.56	244	35.202	200	10.61	55	52.369	266	27.88	205	50.949	239	27.41	158
31	53.89	40	56.00	279	35.402	169	11.16	87	52.635	230	29.93	204	51.188	197	28.99	198
Apr. 10	54.29	27	58.79	302	35.571	138	12.03	114	52.865	192	31.97	200	51.385	155	30.97	228
20	54.56	13	61.81	315	35.709	107	13.17	134	53.057	153	33.97	193	51.540	111	33.25	249
30	54.69	−1	64.96	315	35.816	76	14.51	147	53.210	114	35.90	184	51.651	68	35.74	259
Mai 9	54.68	15	68.11	304	35.892	46	15.98	155	53.324	73	37.74	173	51.719	26	38.33	261
19	54.53	27	71.15	284	35.938	17	17.53	155	53.397	34	39.47	157	51.745	−14	40.94	254
29	54.26	39	73.99	254	35.955	−12	19.08	150	53.431	−7	41.04	139	51.731	53	43.48	237
Juni 8	53.87	49	76.53	217	35.943	40	20.58	141	53.424	47	42.43	119	51.678	89	45.85	214
18	53.38	58	78.70	175	35.903	66	21.99	127	53.377	85	43.62	96	51.589	122	47.99	186
28	52.80	65	80.45	128	35.837	90	23.26	110	53.292	121	44.58	71	51.467	152	49.85	152
Juli 8	52.15	71	81.73	76	35.747	112	24.36	90	53.171	154	45.29	43	51.315	177	51.37	113
18	51.44	74	82.49	24	35.635	130	25.26	69	53.017	180	45.72	14	51.138	199	52.50	73
28	50.70	77	82.73	−29	35.505	144	25.95	44	52.837	201	45.86	−15	50.939	213	53.23	31
Aug. 7	49.93	76	82.44	82	35.361	153	26.39	19	52.636	214	45.71	45	50.726	223	53.54	−14
17	49.17	75	81.62	134	35.208	156	26.58	−8	52.422	217	45.26	73	50.503	224	53.40	57
27	48.42	71	80.28	183	35.052	151	26.50	34	52.205	209	44.53	99	50.279	218	52.83	101
Sept. 6	47.71	66	78.45	229	34.901	139	26.16	62	51.996	190	43.54	121	50.061	202	51.82	144
16	47.05	59	76.16	272	34.762	119	25.54	91	51.806	160	42.33	138	49.859	178	50.38	185
26	46.46	50	73.44	309	34.643	90	24.63	119	51.646	119	40.95	150	49.681	145	48.53	223
Okt. 6	45.96	39	70.35	340	34.553	54	23.44	147	51.527	67	39.45	154	49.536	104	46.30	258
16	45.57	26	66.95	365	34.499	12	21.97	174	51.460	9	37.91	152	49.432	54	43.72	290
26	45.31	13	63.30	381	34.487	−35	20.23	198	51.451	−55	36.39	141	49.378	−2	40.82	315
Nov. 5	45.18	−2	59.49	390	34.522	85	18.25	221	51.506	123	34.98	123	49.380	60	37.67	333
15	45.20	16	55.59	389	34.607	135	16.04	239	51.629	188	33.75	99	49.440	121	34.34	345
25	45.36	32	51.70	377	34.742	183	13.65	252	51.817	250	32.76	69	49.561	180	30.89	347
Dez. 5	45.68	46	47.93	354	34.925	227	11.13	257	52.067	305	32.07	35	49.741	235	27.42	341
15	46.14	59	44.39	320	35.152	264	8.56	256	52.372	349	31.72	−1	49.976	284	24.01	322
25	46.73	71	41.19	277	35.416	292	6.00	247	52.721	384	31.73	−37	50.260	323	20.79	295
35	47.44		38.42		35.708		3.53		53.105		32.10		50.583		17.84	
Mittl. Ort	50.70		63.84		34.506		17.63		51.188		34.80		50.113		37.99	
sec δ, tg δ	3.715		+3.578		1.034		+0.262		1.365		−0.930		1.317		+0.857	
a, *a′*	−0.2		−14.7		+2.8		−14.6		+3.9		−14.5		+2.3		−14.2	
b, *b′*	−0.18		+ 0.68		−0.01		+ 0.69		+0.04		+ 0.69		−0.04		+ 0.71	

Tag	556) σ Librae AR.		556) σ Librae Dekl.		557) ψ Bootis AR.		557) ψ Bootis Dekl.		558) ζ Lupi AR.		558) ζ Lupi Dekl.		563) δ Bootis AR.		563) δ Bootis Dekl.	
1944	$15^h\ 0^m$		$-25°\ 3'$		$15^h\ 2^m$		$+27°\ 9'$		$15^h\ 8^m$		$-51°\ 52'$		$15^h\ 13^m$		$+33°\ 31'$	
	s		"		s		"		s		"		s		"	
Jan. 1	45.489	330	33.56	117	0.925	309	53.41	259	12.729	446	55.43	9	12.750	313	20.02	272
11	45.819	342	34.73	134	1.234	327	50.82	225	13.175	466	55.52	49	13.063	334	17.30	236
21	46.161	345	36.07	146	1.561	334	48.57	185	13.641	474	56.01	86	13.397	346	14.94	191
31	46.506	339	37.53	154	1.895	332	46.72	139	14.115	470	56.87	121	13.743	347	13.03	140
Febr. 10	46.845	326	39.07	155	2.227	321	45.33	88	14.585	454	58.08	151	14.090	339	11.63	86
20	47.171	306	40.62	154	2.548	302	44.45	36	15.039	431	59.59	176	14.429	321	10.77	29
März 1	47.477	282	42.16	148	2.850	277	44.09	15	15.470	401	61.35	196	14.750	298	10.48	27
11	47.759	256	43.64	139	3.127	249	44.24	63	15.871	366	63.31	212	15.048	269	10.75	79
21	48.015	226	45.03	129	3.376	216	44.87	107	16.237	326	65.43	224	15.317	236	11.54	126
31	48.241	197	46.32	117	3.592	182	45.94	144	16.563	285	67.67	230	15.553	200	12.80	167
Apr. 10	48.438	167	47.49	105	3.774	148	47.38	174	16.848	241	69.97	233	15.753	164	14.47	198
20	48.605	136	48.54	93	3.922	113	49.12	195	17.089	195	72.30	232	15.917	125	16.45	222
30	48.741	105	49.47	81	4.035	78	51.07	208	17.284	147	74.62	227	16.042	88	18.67	236
Mai 9*)	[7] 48.846	74	50.28	70	[7] 4.113	43	53.15	214	[9] 17.431	99	76.89	218	[10] 16.130	50	21.03	240
19	48.920	42	50.98	58	4.156	11	55.29	210	17.530	48	79.07	205	16.180	12	23.43	238
29	48.962	11	51.56	46	4.167	22	57.39	201	17.578	1	81.12	187	16.192	23	25.81	226
Juni 8	48.973	22	52.02	33	4.145	53	59.40	185	17.577	52	82.99	166	16.169	57	28.07	208
18	48.951	52	52.35	22	4.092	82	61.25	164	17.525	100	84.65	142	16.112	89	30.15	185
28	48.899	82	52.57	8	4.010	109	62.89	138	17.425	145	86.07	113	16.023	120	32.00	155
Juli 8	48.817	108	52.65	5	3.901	132	64.27	108	17.280	187	87.20	81	15.903	146	33.55	122
18	48.709	132	52.60	18	3.769	153	65.35	77	17.093	222	88.01	47	15.757	168	34.77	87
28	48.577	150	52.42	32	3.616	167	66.12	43	16.871	248	88.48	11	15.589	186	35.64	48
Aug. 7	48.427	162	52.10	44	3.449	177	66.55	8	16.623	265	88.59	26	15.403	197	36.12	9
17	48.265	166	51.66	55	3.272	181	66.63	28	16.358	272	88.33	62	15.206	202	36.21	32
27	48.099	162	51.11	65	3.091	177	66.35	64	16.086	265	87.71	96	15.004	199	35.89	72
Sept. 6	47.937	150	50.46	71	2.914	164	65.71	101	15.821	245	86.75	127	14.805	188	35.17	112
16	47.787	127	49.75	73	2.750	143	64.70	136	15.576	212	85.48	154	14.617	168	34.05	152
26	47.660	95	49.02	72	2.607	115	63.34	171	15.364	165	83.94	173	14.449	138	32.53	189
Okt. 6	47.565	55	48.30	66	2.492	78	61.63	203	15.199	106	82.21	187	14.311	101	30.64	225
16	47.510	7	47.64	55	2.414	34	59.60	233	15.093	38	80.34	191	14.210	56	28.39	255
26	47.503	45	47.09	38	2.380	15	57.27	259	15.055	37	78.43	187	14.154	5	25.84	284
Nov. 5	47.548	100	46.71	18	2.395	68	54.68	281	15.092	114	76.56	174	14.149	50	23.00	305
15	47.648	155	46.53	5	2.463	122	51.87	296	15.206	192	74.82	153	14.199	106	19.95	320
25	47.803	207	46.58	31	2.585	173	48.91	304	15.398	266	73.29	125	14.305	161	16.75	327
Dez. 5	48.010	253	46.89	58	2.758	221	45.87	304	15.664	331	72.04	92	14.466	213	13.48	326
15	48.263	291	47.47	83	2.979	263	42.83	295	15.995	387	71.12	54	14.679	260	10.22	314
25	48.554	320	48.30	106	3.242	296	39.88	276	16.382	429	70.58	14	14.939	297	7.08	293
35	48.874		49.36		3.538		37.12		16.811		70.44		15.236		4.15	
Mittl. Ort	47.173		47.43		2.670		53.99		14.876		75.38		14.607		21.75	
sec δ, tg δ	1.104		−0.468		1.124		+0.513		1.620		−1.275		1.199		+0.662	
a, *a′*	+3.5		−14.1		+2.6		−14.0		+4.3		−13.7		+2.4		−13.3	
b, *b′*	+0.02		+ 0.71		−0.02		+ 0.71		+0.06		+ 0.73		−0.03		+ 0.75	

*) Bei Stern 563) lies Mai 10.

Tag	560) γ Triang. austr. AR.		560) γ Triang. austr. Dekl.		565) ι H. Ursae min. AR.		565) ι H. Ursae min. Dekl.		564) β Librae AR.		564) β Librae Dekl.		566) φ¹ Lupi AR.		566) φ¹ Lupi Dekl.	
1944	15^h 13^m		−68° 28′		15^h 13^m		+67° 33′		15^h 13^m		−9° 10′		15^h 18^m		−36° 3′	
Jan. 1	35.87	68	6.37	58	56.00	53	25.89	277	57.667	299	29.86	167	12.732	353	18.51	61
11	36.55	73	5.79	8	56.53	60	23.12	223	57.966	313	31.53	167	13.085	371	19.12	87
21	37.28	74	5.71	41	57.13	63	20.89	164	58.279	318	33.20	164	13.456	378	19.99	111
31	38.02	74	6.12	88	57.76	65	19.25	98	58.597	315	34.84	153	13.834	375	21.10	129
Febr. 10	38.76	73	7.00	131	58.41	65	18.27	29	58.912	305	36.37	138	14.209	364	22.39	144
20	39.49	69	8.31	171	59.06	62	17.98	39	59.217	288	37.75	119	14.573	346	23.83	154
März 1	40.18	65	10.02	205	59.68	58	18.37	103	59.505	268	38.94	98	14.919	323	25.37	160
11	40.83	60	12.07	235	60.26	51	19.40	163	59.773	244	39.92	76	15.242	297	26.97	162
21	41.43	53	14.42	258	60.77	44	21.03	214	60.017	219	40.68	53	15.539	268	28.59	162
31	41.96	46	17.00	277	61.21	36	23.17	256	60.236	192	41.21	33	15.807	237	30.21	160
Apr. 10	42.42	39	19.77	288	61.57	26	25.73	287	60.428	165	41.54	13	16.044	205	31.81	154
20	42.81	31	22.65	296	61.83	17	28.60	306	60.593	136	41.67	3	16.249	170	33.35	148
30	43.12	22	25.61	296	62.00	7	31.66	314	60.729	108	41.64	17	16.419	136	34.83	141
Mai 10	43.34	13	28.57	291	62.07	2	34.80	311	60.837	79	41.47	28	16.555	100	36.24	131
19	10 43.47	5	31.48	280	10 62.05	12	37.91	298	10 60.916	50	41.19	35	11 16.655	64	37.55	120
29	43.52	5	34.28	263	61.93	20	40.89	275	60.966	21	40.84	41	16.719	25	38.75	107
Juni 8	43.47	13	36.91	239	61.73	27	43.64	244	60.987	10	40.43	44	16.744	12	39.82	92
18	43.34	21	39.30	210	61.46	35	46.08	206	60.977	38	39.99	46	16.732	50	40.74	76
28	43.13	29	41.40	176	61.11	40	48.14	163	60.939	66	39.53	47	16.682	86	41.50	58
Juli 8	42.84	37	43.16	137	60.71	46	49.77	116	60.873	92	39.06	46	16.596	119	42.08	37
18	42.47	42	44.53	93	60.25	49	50.93	66	60.781	114	38.60	44	16.477	148	42.45	16
28	42.05	47	45.46	46	59.76	52	51.59	13	60.667	133	38.16	42	16.329	171	42.61	6
Aug. 7	41.58	49	45.92	1	59.24	53	51.72	39	60.534	146	37.74	39	16.158	188	42.55	29
17	41.09	50	45.91	50	58.71	53	51.33	91	60.388	153	37.35	34	15.970	196	42.26	51
27	40.59	48	45.41	97	58.18	51	50.42	142	60.235	152	37.01	28	15.774	194	41.75	71
Sept. 6	40.11	45	44.44	141	57.67	49	49.00	192	60.083	142	36.73	20	15.580	183	41.04	88
16	39.66	40	43.03	181	57.18	44	47.08	237	59.941	124	36.53	9	15.397	159	40.16	103
26	39.26	32	41.22	213	56.74	39	44.71	278	59.817	98	36.44	3	15.238	126	39.13	111
Okt. 6	38.94	22	39.09	237	56.35	31	41.93	315	59.719	62	36.47	19	15.112	82	38.02	115
16	38.72	11	36.72	253	56.04	22	38.78	346	59.657	20	36.66	37	15.030	31	36.87	112
26	38.61	0	34.19	256	55.82	13	35.32	370	59.637	27	37.03	56	14.999	27	35.75	103
Nov. 5	38.61	14	31.63	251	55.69	3	31.62	385	59.664	77	37.59	78	15.026	88	34.72	88
15	38.75	26	29.12	234	55.66	9	27.77	391	59.741	128	38.37	100	15.114	149	33.84	68
25	39.01	38	26.78	208	55.75	19	23.86	386	59.869	177	39.37	121	15.263	208	33.16	42
Dez. 5	39.39	49	24.70	173	55.94	31	20.00	372	60.046	221	40.58	139	15.471	261	32.74	14
15	39.88	58	22.97	132	56.25	40	16.28	345	60.267	259	41.97	154	15.732	305	32.60	16
25	40.46	65	21.65	85	56.65	49	12.83	308	60.526	288	43.51	165	16.037	340	32.76	45
35	41.11		20.80		57.14		9.75		60.814		45.16		16.377		33.21	
Mittl. Ort	39.02		28.71		59.10		32.83		59.359		39.17		14.643		34.69	
sec δ, tg δ	2.726		−2.535		2.620		+2.421		1.013		−0.162		1.237		−0.728	
a, *a′*	+5.6		−13.3		+0.7		−13.3		+3.2		−13.3		+3.8		−13.0	
b, *b′*	+0.11		+ 0.75		−0.11		+ 0.75		+0.01		+ 0.75		+0.03		+ 0.76	

Tag	569) γ Ursae min. AR.		569) γ Ursae min. Dekl.		568) μ Bootis *pr* AR.		568) μ Bootis *pr* Dekl.		571) ι Draconis AR.		571) ι Draconis Dekl.		572) β Coronae bor. AR.		572) β Coronae bor. Dekl.	
1944	$15^h\ 20^m$		$+72°\ 1'$		$15^h\ 22^m$		$+37°\ 34'$		$15^h\ 23^m$		$+59°\ 9'$		$15^h\ 25^m$		$+29°\ 17'$	
	s		"		s		"		s		"		s		"	
Jan. 1	44.23	61	52.99	277	20.455	314	19.02	281	38.178	415	36.24	290	29.249	297	51.27	271
11	44.84	70	50.22	225	20.769	339	16.21	243	38.593	459	33.34	242	29.546	318	48.56	238
21	45.54	75	47.97	164	21.108	354	13.78	196	39.052	489	30.92	184	29.864	332	46.18	198
31	46.29	78	46.33	98	21.462	358	11.82	144	39.541	503	29.08	121	30.196	334	44.20	152
Febr. 10	47.07	79	45.35	30	21.820	352	10.38	86	40.044	501	27.87	54	30.530	328	42.68	100
20	47.86	75	45.05	38	22.172	337	9.52	27	40.545	482	27.33	13	30.858	314	41.68	46
März 1	48.61	71	45.43	104	22.509	314	9.25	32	41.027	451	27.46	78	31.172	293	41.22	8
11	49.32	63	46.47	163	22.823	285	9.57	86	41.478	407	28.24	139	31.465	267	41.30	59
21	49.95	54	48.10	215	23.108	251	10.43	136	41.885	355	29.63	192	31.732	238	41.89	106
31	50.49	44	50.25	257	23.359	215	11.79	178	42.240	295	31.55	237	31.970	206	42.95	147
Apr. 10	50.93	33	52.82	288	23.574	176	13.57	212	42.535	230	33.92	271	32.176	172	44.42	180
20	51.26	21	55.70	309	23.750	136	15.69	237	42.765	162	36.63	294	32.348	137	46.22	204
30	51.47	8	58.79	317	23.886	96	18.06	252	42.927	93	39.57	306	32.485	102	48.26	221
Mai 10	$_{12}$51.55	3	61.96	315	$_{12}$23.982	55	20.58	258	$_{13}$43.020	25	42.63	308	$_{13}$32.587	66	50.47	228
19	51.52	15	65.11	302	24.037	16	23.16	255	43.045	41	45.71	299	32.653	30	52.75	227
29	51.37	26	68.13	279	24.053	24	25.71	243	43.004	105	48.70	280	32.683	4	55.02	220
Juni 8	51.11	35	70.92	248	24.029	60	28.14	224	42.899	163	51.50	254	32.679	39	57.22	204
18	50.76	45	73.40	211	23.969	96	30.38	199	42.736	218	54.04	220	32.640	71	59.26	184
28	50.31	52	75.51	168	23.873	128	32.37	168	42.518	265	56.24	181	32.569	102	61.10	158
Juli 8	49.79	58	77.19	121	23.745	157	34.05	134	42.253	306	58.05	136	32.467	129	62.68	129
18	49.21	63	78.40	70	23.588	182	35.39	96	41.947	340	59.41	89	32.338	154	63.97	96
28	48.58	66	79.10	18	23.406	201	36.35	55	41.607	364	60.30	39	32.184	173	64.93	60
Aug. 7	47.92	69	79.28	36	23.205	215	36.90	13	41.243	379	60.69	13	32.011	186	65.53	24
17	47.23	68	78.92	87	22.990	220	37.03	30	40.864	384	60.56	63	31.825	194	65.77	14
27	46.55	67	78.05	139	22.770	219	36.73	73	40.480	377	59.93	114	31.631	193	65.63	52
Sept. 6	45.88	63	76.66	188	22.551	208	36.00	115	40.103	359	58.79	164	31.438	185	65.11	91
16	45.25	57	74.78	234	22.343	188	34.85	157	39.744	328	57.15	210	31.253	166	64.20	129
26	44.68	51	72.44	276	22.155	160	33.28	196	39.416	287	55.05	253	31.087	141	62.91	165
Okt. 6	44.17	43	69.68	313	21.995	121	31.32	233	39.129	232	52.52	292	30.946	105	61.26	200
16	43.74	32	66.55	343	21.874	76	28.99	266	38.897	167	49.60	326	30.841	63	59.26	232
26	43.42	20	63.12	368	21.798	24	26.33	295	38.730	94	46.34	353	30.778	14	56.94	260
Nov. 5	43.22	8	59.44	383	21.774	33	23.38	317	38.636	13	42.81	372	30.764	38	54.34	284
15	43.14	6	55.61	389	21.807	92	20.21	333	38.623	71	39.09	383	30.802	93	51.50	301
25	43.20	19	51.72	386	21.899	150	16.88	340	38.694	157	35.26	383	30.895	147	48.49	312
Dez. 5	43.39	32	47.86	371	22.049	205	13.48	338	38.851	239	31.43	373	31.042	198	45.37	313
15	43.71	45	44.15	344	22.254	255	10.10	325	39.090	314	27.70	351	31.240	243	42.24	306
25	44.16	56	40.71	308	22.509	295	6.85	303	39.404	382	24.19	319	31.483	280	39.18	288
35	44.72		37.63		22.804		3.82		39.786		21.00		31.763		36.30	
Mittl. Ort	47.92		59.88		22.402		21.28		40.744		41.85		31.106		51.72	
sec δ, tg δ	3.242		+3.084		1.262		+0.769		1.951		+1.675		1.147		+0.561	
a, *a'*	−0.1		−12.8		+2.3		−12.7		+1.3		−12.6		+2.5		−12.5	
b, *b'*	−0.13		+ 0.77		−0.03		+ 0.77		−0.07		+ 0.78		−0.02		+ 0.78	

Tag	573) ν¹ Bootis AR.		Dekl.		578) α Coronae bor. AR.		Dekl.		1410) 115 G. Lupi AR.		Dekl.		577) γ Librae AR.		Dekl.	
1944	15ʰ 28ᵐ		+41° 1′		15ʰ 32ᵐ		+26° 53′		15ʰ 32ᵐ		−44° 12′		15ʰ 32ᵐ		−14° 36′	
Jan. 1	52.928	318	20.40	289	17.051	289	67.75	270	19.156	380	20.77	14	21.531	296	4.63	139
11	53.246	346	17.51	249	17.340	312	65.05	239	19.536	404	20.91	46	21.827	313	6.02	144
21	53.592	364	15.02	201	17.652	325	62.66	202	19.940	415	21.37	75	22.140	321	7.46	146
31	53.956	370	13.01	147	17.977	329	60.64	157	20.355	416	22.12	103	22.461	321	8.92	142
Febr. 10	54.326	365	11.54	87	18.306	324	59.07	107	20.771	408	23.15	126	22.782	314	10.34	133
20	54.691	352	10.67	26	18.630	310	58.00	55	21.179	392	24.41	144	23.096	300	11.67	120
März 1	55.043	330	10.41	34	18.940	292	57.45	3	21.571	369	25.85	159	23.396	283	12.87	105
11	55.373	301	10.75	91	19.232	268	57.42	48	21.940	343	27.44	170	23.679	261	13.92	88
21	55.674	267	11.66	143	19.500	240	57.90	94	22.283	313	29.14	178	23.940	238	14.80	70
31	55.941	229	13.09	187	19.740	210	58.84	135	22.596	280	30.92	183	24.178	213	15.50	53
Apr. 10	56.170	188	14.96	222	19.950	178	60.19	168	22.876	244	32.75	184	24.391	186	16.03	37
20	56.358	146	17.18	248	20.128	144	61.87	193	23.120	207	34.59	183	24.577	159	16.40	23
30	56.504	103	19.66	263	20.272	110	63.80	211	23.327	168	36.42	179	24.736	130	16.63	10
Mai 10	14 56.607	60	22.29	270	15 20.382	75	65.91	219	15 23.495	126	38.21	173	15 24.866	100	16.73	1
19	56.667	16	24.99	267	20.457	41	68.10	220	23.621	84	39.94	164	24.966	71	16.74	7
29	56.683	24	27.66	255	20.498	6	70.30	214	23.705	40	41.58	153	25.037	39	16.67	14
Juni 8	56.659	64	30.21	236	20.504	28	72.44	200	23.745	5	43.11	137	25.076	7	16.53	18
18	56.595	102	32.57	210	20.476	61	74.44	182	23.740	49	44.48	118	25.083	24	16.35	22
28	56.493	137	34.67	177	20.415	92	76.26	157	23.691	92	45.66	98	25.059	55	16.13	26
Juli 8	56.356	169	36.44	142	20.323	119	77.83	130	23.599	132	46.64	74	25.004	85	15.87	28
18	56.187	195	37.86	102	20.204	145	79.13	99	23.467	168	47.38	48	24.919	110	15.59	31
28	55.992	216	38.88	60	20.059	166	80.12	65	23.299	196	47.86	19	24.809	132	15.28	32
Aug. 7	55.776	230	39.48	16	19.893	180	80.77	30	23.103	218	48.05	10	24.677	149	14.96	34
17	55.546	238	39.64	29	19.713	188	81.07	5	22.885	229	47.95	39	24.528	159	14.62	35
27	55.308	237	39.35	74	19.525	189	81.02	43	22.656	230	47.56	67	24.369	161	14.27	34
Sept. 6	55.071	226	38.61	118	19.336	182	80.59	80	22.426	219	46.89	93	24.208	153	13.93	31
16	54.845	207	37.43	162	19.154	166	79.79	117	22.207	195	45.96	116	24.055	138	13.62	26
26	54.638	178	35.81	202	18.988	140	78.62	152	22.012	160	44.80	133	23.917	112	13.36	19
Okt. 6	54.460	139	33.79	240	18.848	107	77.10	187	21.852	113	43.47	144	23.805	78	13.17	9
16	54.321	92	31.39	275	18.741	65	75.23	220	21.739	56	42.03	149	23.727	36	13.08	6
26	54.229	39	28.64	305	18.676	18	73.03	247	21.683	7	40.54	147	23.691	11	13.14	22
Nov. 5	54.190	20	25.59	327	18.658	34	70.56	272	21.690	75	39.07	136	23.702	62	13.36	41
15	54.210	81	22.32	343	18.692	87	67.84	290	21.765	144	37.71	119	23.764	114	13.77	61
25	54.291	142	18.89	350	18.779	140	64.94	302	21.909	210	36.52	97	23.878	165	14.38	82
Dez. 5	54.433	200	15.39	348	18.919	191	61.92	306	22.119	271	35.55	68	24.043	211	15.20	102
15	54.633	252	11.91	334	19.110	236	58.86	301	22.390	322	34.87	38	24.254	251	16.22	120
25	54.885	297	8.57	312	19.346	272	55.85	285	22.712	364	34.49	5	24.505	283	17.42	134
35	55.182		5.45		19.618		53.00		23.076		34.44		24.788		18.76	
Mittl. Ort	54.956		23.07		18.911		67.48		21.326		38.16		23.335		15.14	
sec δ, tg δ	1.326		+0.870		1.121		+0.507		1.395		−0.973		1.033		−0.261	
a, *a′*	+2.2		−12.3		+2.5		−12.0		+4.1		−12.0		+3.4		−12.0	
b, *b′*	−0.04		+ 0.79		−0.02		+ 0.80		+0.04		+ 0.80		+0.01		+ 0.80	

Tag	582) α Serpentis AR.		582) α Serpentis Dekl.		583) β Serpentis AR.		583) β Serpentis Dekl.		590) ζ Ursae min. AR.		590) ζ Ursae min. Dekl.		584) ϰ Serpentis AR.		584) ϰ Serpentis Dekl.	
1944	$15^h 41^m$		+6° 35′		$15^h 43^m$		+15° 35′		$15^h 45^m$		+77° 57′		$15^h 46^m$		+18° 18′	
	s		″		s		″		s		″		s		″	
Jan. 1	28.625	275	67.04	214	34.232	273	48.05	244	55.38	78	57.83	292	11.170	272	50.44	252
11	28.900	294	64.90	203	34.505	295	45.61	224	56.16	91	54.91	243	11.442	295	47.92	230
21	29.194	305	62.87	183	34.800	307	43.37	196	57.07	102	52.48	187	11.737	308	45.62	200
31	29.499	307	61.04	156	35.107	312	41.41	161	58.09	108	50.61	123	12.045	313	43.62	163
Febr. 10	29.806	303	59.48	125	35.419	307	39.80	121	59.17	112	49.38	55	12.358	310	41.99	121
20	30.109	292	58.23	91	35.726	297	38.59	79	60.29	110	48.83	12	12.668	300	40.78	76
März 1	30.401	276	57.32	54	36.023	281	37.80	35	61.39	105	48.95	78	12.968	284	40.02	29
11	30.677	255	56.78	18	36.304	261	37.45	9	62.44	97	49.73	140	13.252	265	39.73	16
21	30.932	233	56.60	16	36.565	237	37.54	50	63.41	85	51.13	195	13.517	240	39.89	59
31	31.165	208	56.76	48	36.802	211	38.04	87	64.26	71	53.08	241	13.757	214	40.48	97
Apr. 10	31.373	182	57.24	74	37.013	183	38.91	117	64.97	55	55.49	276	13.971	186	41.45	129
20	31.555	154	57.98	97	37.196	155	40.08	141	65.52	38	58.25	301	14.157	156	42.74	155
30	31.709	126	58.95	112	37.351	124	41.49	160	65.90	19	61.26	315	14.313	126	44.29	172
Mai 10	17 31.835	97	60.07	124	18 37.475	93	43.09	170	18 66.09	1	64.41	316	19 14.439	94	46.01	184
19	31.932	66	61.31	128	37.568	61	44.79	174	66.10	17	67.57	309	14.533	62	47.85	188
29	31.998	36	62.59	129	37.629	30	46.53	172	65.93	34	70.66	290	14.595	28	49.73	185
Juni 8	32.034	4	63.88	125	37.659	3	48.25	165	65.59	50	73.56	264	14.623	4	51.58	176
18	32.038	26	65.13	117	37.656	34	49.90	152	65.09	64	76.20	230	14.619	36	53.34	162
28	32.012	57	66.30	107	37.622	66	51.42	135	64.45	77	78.50	190	14.583	68	54.96	145
Juli 8	31.955	85	67.37	92	37.556	94	52.77	115	63.68	87	80.40	145	14.515	97	56.41	123
18	31.870	110	68.29	77	37.462	119	53.92	93	62.81	96	81.85	97	14.418	124	57.64	98
28	31.760	132	69.06	59	37.343	142	54.85	68	61.85	102	82.82	46	14.294	145	58.62	71
Aug. 7	31.628	149	69.65	41	37.201	159	55.53	41	60.83	106	83.28	6	14.149	163	59.33	42
17	31.479	159	70.06	20	37.042	168	55.94	14	59.77	108	83.22	59	13.986	174	59.75	13
27	31.320	162	70.26	0	36.874	172	56.08	15	58.69	107	82.63	110	13.812	177	59.88	19
Sept. 6	31.158	157	70.26	23	36.702	168	55.93	45	57.62	102	81.53	160	13.635	172	59.69	49
16	31.001	143	70.03	45	36.534	153	55.48	74	56.60	97	79.93	207	13.463	159	59.20	82
26	30.858	121	69.58	69	36.381	131	54.74	104	55.63	87	77.86	251	13.304	137	58.38	113
Okt. 6	30.737	90	68.89	94	36.250	100	53.70	134	54.76	77	75.35	290	13.167	106	57.25	145
16	30.647	51	67.95	119	36.150	61	52.36	162	53.99	62	72.45	325	13.061	67	55.80	174
26	30.596	7	66.76	142	36.089	17	50.74	190	53.37	46	69.20	351	12.994	22	54.06	202
Nov. 5	30.589	41	65.34	166	36.072	32	48.84	214	52.91	29	65.69	371	12.972	27	52.04	227
15	30.630	91	63.68	186	36.104	83	46.70	234	52.62	9	61.98	382	12.999	78	49.77	248
25	30.721	141	61.82	203	36.187	133	44.36	250	52.53	10	58.16	383	13.077	129	47.29	262
Dez. 5	30.862	187	59.79	216	36.320	181	41.86	258	52.63	30	54.33	373	13.206	177	44.67	271
15	31.049	227	57.63	221	36.501	223	39.28	261	52.93	50	50.60	352	13.383	220	41.96	271
25	31.276	260	55.42	221	36.724	258	36.67	254	53.43	67	47.08	319	13.603	256	39.25	264
35	31.536		53.21		36.982		34.13		54.10		43.89		13.859		36.61	
Mittl. Ort	30.426		61.93		36.062		45.03		60.70		63.52		13.021		48.00	
sec δ, tg δ	1.007		+0.116		1.038		+0.279		4.797		+4.692		1.053		+0.331	
a, *a′*	+2.9		−11.4		+2.8		−11.2		−2.2		−11.1		+2.7		−11.0	
b, *b′*	0.00		+ 0.82		−0.01		+ 0.83		−0.17		+ 0.83		−0.01		+ 0.83	

Tag	585) μ Serpentis AR.		585) μ Serpentis Dekl.		588) ε Serpentis AR.		588) ε Serpentis Dekl.		589) β Triang. austr. AR.		589) β Triang. austr. Dekl.		593) ε Coronae bor. AR.		593) ε Coronae bor. Dekl.	
1944	15h 46m		−3° 15′		15h 47m		+4° 38′		15h 50m		−63° 15′		15h 55m		+27° 2′	
	s		"		s		"		s		"		s		"	
Jan. 1	39.841	275	29.36	178	59.480	271	47.55	207	8.01	54	16.15	84	14.081	271	20.76	277
11	40.116	295	31.14	174	59.751	291	45.48	197	8.55	58	15.31	41	14.352	298	17.99	249
21	40.411	305	32.88	164	60.042	303	43.51	179	9.13	61	14.90	3	14.650	315	15.50	213
31	40.716	309	34.52	149	60.345	306	41.72	155	9.74	63	14.93	44	14.965	323	13.37	169
Febr. 10	41.025	304	36.01	127	60.651	303	40.17	126	10.37	62	15.37	84	15.288	323	11.68	121
20	41.329	293	37.28	103	60.954	292	38.91	94	10.99	60	16.21	121	15.611	314	10.47	68
März 1	41.622	279	38.31	76	61.246	278	37.97	59	11.59	58	17.42	154	15.925	300	9.79	15
11	41.901	259	39.07	48	61.524	259	37.38	24	12.17	55	18.96	183	16.225	280	9.64	36
21	42.160	238	39.55	22	61.783	237	37.14	9	12.72	50	20.79	208	16.505	256	10.00	85
31	42.398	215	39.77	4	62.020	213	37.23	39	13.22	45	22.87	227	16.761	228	10.85	128
Apr. 10	42.613	189	39.73	26	62.233	188	37.62	66	13.67	40	25.14	244	16.989	199	12.13	164
20	42.802	163	39.47	44	62.421	161	38.28	87	14.07	34	27.58	254	17.188	166	13.77	192
30	42.965	136	39.03	59	62.582	132	39.15	103	14.41	27	30.12	260	17.354	133	15.69	213
Mai 10	43.101	107	38.44	69	62.714	104	40.18	114	14.68	20	32.72	262	17.487	98	17.82	224
19*)	19 43.208	77	37.75	76	19 62.818	74	41.32	120	14.88 (20)	14	35.34	258	17.585 (21)	62	20.06	228
29	43.285	46	36.99	79	62.892	42	42.52	121	15.02	6	37.92	248	17.647	27	22.34	223
Juni 8	43.331	15	36.20	79	62.934	12	43.73	118	15.08	2	40.40	233	17.674	9	24.57	213
18	43.346	16	35.41	76	62.946	20	44.91	111	15.06	10	42.73	212	17.665	44	26.70	195
28	43.330	48	34.65	70	62.926	51	46.02	101	14.96	16	44.85	186	17.621	78	28.65	173
Juli 8	43.282	77	33.95	65	62.875	81	47.03	89	14.80	23	46.71	154	17.543	110	30.38	146
18	43.205	104	33.30	57	62.794	106	47.92	75	14.57	29	48.25	119	17.433	138	31.84	116
28	43.101	127	32.73	47	62.688	129	48.67	59	14.28	35	49.44	79	17.295	162	33.00	83
Aug. 7	42.974	144	32.26	38	62.559	147	49.26	42	13.93	37	50.23	36	17.133	181	33.83	48
17	42.830	156	31.88	27	62.412	159	49.68	23	13.56	40	50.59	8	16.952	193	34.31	11
27	42.674	161	31.61	15	62.253	163	49.91	4	13.16	41	50.51	52	16.759	198	34.42	26
Sept. 6	42.513	156	31.46	2	62.090	158	49.95	16	12.75	39	49.99	95	16.561	194	34.16	63
16	42.357	143	31.44	12	61.932	146	49.79	37	12.36	35	49.04	135	16.367	181	33.53	102
26	42.214	120	31.56	29	61.786	124	49.42	60	12.01	30	47.69	170	16.186	160	32.51	138
Okt. 6	42.094	90	31.85	47	61.662	93	48.82	83	11.71	24	45.99	197	16.026	128	31.13	174
16	42.004	51	32.32	66	61.569	56	47.99	107	11.47	15	44.02	218	15.898	89	29.39	208
26	41.953	6	32.98	86	61.513	12	46.92	130	11.32	6	41.84	229	15.809	43	27.31	238
Nov. 5	41.947	42	33.84	108	61.501	36	45.62	153	11.26	5	39.55	230	15.766	7	24.93	264
15	41.989	92	34.92	128	61.537	86	44.09	173	11.31	15	37.25	221	15.773	61	22.29	286
25	42.081	141	36.20	146	61.623	135	42.36	191	11.46	26	35.04	204	15.834	114	19.43	299
Dez. 5	42.222	188	37.66	161	61.758	182	40.45	204	11.72	35	33.00	177	15.948	166	16.44	306
15	42.410	228	39.27	173	61.940	222	38.41	212	12.07	43	31.23	145	16.114	213	13.38	303
25	42.638	261	41.00	180	62.162	257	36.29	212	12.50	51	29.78	107	16.327	252	10.35	292
35	42.899		42.80		62.419		34.17		13.01		28.71		16.579		7.43	
Mittl. Ort	41.668		36.85		61.305		41.96		11.25		35.69		16.019		19.95	
sec δ, tg δ	1.002		−0.057		1.003		+0.081		2.223		−1.985		1.123		+0.510	
a, *a′*	+3.1		−11.0		+3.0		−10.9		+5.3		−10.8		+2.5		−10.4	
b, *b′*	0.00		+ 0.84		0.00		+ 0.84		+0.07		+ 0.84		−0.02		+ 0.86	

*) Bei Stern 589) und 593) lies Mai 20.

Tag	594) δ Scorpii AR.	Δ	594) δ Scorpii Dekl.	Δ	598) ϑ Draconis AR.	Δ	598) ϑ Draconis Dekl.	Δ	597) β Scorpii *pr* AR.	Δ	597) β Scorpii *pr* Dekl.	Δ	603) δ Ophiuchi AR.	Δ	603) δ Ophiuchi Dekl.	Δ
1944	$15^h\ 56^m$		$-22°\ 27'$		$16^h\ 0^m$		$+58°\ 42'$		$16^h\ 2^m$		$-19°\ 39'$		$16^h\ 11^m$		$-3°\ 32'$	
Jan. 1	$59^s.051$	294	$38''.24$	90	$47^s.402$	357	$47''.70$	318	$8^s.594$	285	$2''.40$	100	$22^s.540$	259	$58''.51$	170
11	59.345	315	39.14	103	47.759	411	44.52	276	8.879	307	3.40	111	22.799	282	60.21	167
21	59.660	329	40.17	112	48.170	451	41.76	223	9.186	321	4.51	117	23.081	297	61.88	158
31	59.989	332	41.29	117	48.621	478	39.53	164	9.507	325	5.68	117	23.378	304	63.46	143
Febr. 10	60.321	329	42.46	116	49.099	488	37.89	99	9.832	324	6.85	115	23.682	303	64.89	122
20	60.650	320	43.62	113	49.587	484	36.90	31	10.156	315	8.00	109	23.985	298	66.11	99
März 1	60.970	306	44.75	106	50.071	465	36.59	36	10.471	302	9.09	99	24.283	286	67.10	72
11	61.276	287	45.81	97	50.536	434	36.95	100	10.773	285	10.08	87	24.569	271	67.82	45
21	61.563	266	46.78	87	50.970	392	37.95	159	11.058	264	10.95	74	24.840	253	68.27	17
31	61.829	243	47.65	77	51.362	342	39.54	210	11.322	243	11.69	62	25.093	232	68.44	7
Apr. 10	62.072	218	48.42	66	51.704	284	41.64	252	11.565	218	12.31	50	25.325	209	68.37	30
20	62.290	191	49.08	57	51.988	221	44.16	283	11.783	193	12.81	40	25.534	185	68.07	48
30	62.481	163	49.65	49	52.209	155	46.99	303	11.976	164	13.21	31	25.719	159	67.59	63
Mai 10	62.644	132	50.14	41	52.364	88	50.02	314	12.140	134	13.52	23	25.878	130	66.96	73
20	62.776	99	50.55	35	52.452	21	53.16	313	12.274	103	13.75	16	26.008	101	66.23	80
29	[21] 62.875	66	50.90	28	[22] 52.473	46	56.29	302	[23] 12.377	69	13.91	12	[25] 26.109	69	65.43	82
Juni 8	62.941	30	51.18	23	52.427	110	59.31	282	12.446	35	14.03	7	26.178	35	64.61	82
18	62.971	5	51.41	17	52.317	171	62.13	255	12.481	0	14.10	3	26.213	3	63.79	79
28	62.966	41	51.58	11	52.146	227	64.68	220	12.481	36	14.13	2	26.216	31	63.00	74
Juli 8	62.925	74	51.69	4	51.919	276	66.88	181	12.445	69	14.11	5	26.185	63	62.26	66
18	62.851	106	51.73	3	51.643	319	68.69	137	12.376	101	14.06	11	26.122	93	61.60	58
28	62.745	133	51.70	11	51.324	353	70.06	88	12.275	128	13.95	15	26.029	120	61.02	48
Aug. 7	62.612	154	51.59	18	50.971	379	70.94	39	12.147	150	13.80	20	25.909	141	60.54	39
17	62.458	169	51.41	27	50.592	394	71.33	12	11.997	165	13.60	25	25.768	157	60.15	27
27	62.289	174	51.14	34	50.198	398	71.21	64	11.832	172	13.35	30	25.611	164	59.88	16
Sept. 6	62.115	172	50.80	39	49.800	390	70.57	114	11.660	170	13.05	33	25.447	165	59.72	2
16	61.943	158	50.41	43	49.410	369	69.43	164	11.490	157	12.72	33	25.282	155	59.70	11
26	61.785	135	49.98	44	49.041	335	67.79	212	11.333	136	12.39	32	25.127	135	59.81	27
Okt. 6	61.650	102	49.54	41	48.706	289	65.67	254	11.197	104	12.07	28	24.992	108	60.08	43
16	61.548	60	49.13	35	48.417	231	63.13	294	11.093	63	11.79	19	24.884	72	60.51	62
26	61.488	12	48.78	25	48.186	163	60.19	328	11.030	17	11.60	9	24.812	29	61.13	81
Nov. 5	61.476	40	48.53	10	48.023	87	56.91	354	11.013	34	11.51	6	24.783	19	61.94	101
15	61.516	95	48.43	6	47.936	4	53.37	372	11.047	87	11.57	23	24.802	68	62.95	120
25	61.611	148	48.49	26	47.932	81	49.65	382	11.134	141	11.80	41	24.870	118	64.15	138
Dez. 5	61.759	198	48.75	45	48.013	165	45.83	379	11.275	190	12.21	60	24.988	166	65.53	153
15	61.957	243	49.20	65	48.178	245	42.04	367	11.465	233	12.81	78	25.154	207	67.06	165
25	62.200	278	49.85	82	48.423	318	38.37	341	11.698	270	13.59	94	25.361	244	68.71	171
35	62.478		50.67		48.741		34.96		11.968		14.53		25.605		70.42	
Mittl. Ort	61.037		49.99		50.093		51.35		10.578		13.37		24.464		65.80	
sec δ, tg δ	1.082		−0.413		1.926		+1.646		1.062		−0.357		1.002		−0.062	
a, *a′*	+3.5		−10.2		+1.2		−10.0		+3.5		−9.9		+3.1		−9.1	
b, *b′*	+0.01		+ 0.86		−0.05		+ 0.87		+0.01		+0.87		0.00		+0.89	

Scheinbare Sternörter 1944

Tag	606) 19 Ursae min.				605) ε Ophiuchi				604) γ^2 Normae				608) τ Herculis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	$16^h\ 12^m$		+76° 0′		$16^h\ 15^m$		−4° 33′		$16^h\ 15^m$		−50° 0′		$16^h\ 18^m$		+46° 26′	
Jan. 1	18.59	59	65.68	317	19.359	258	19.38	164	35.665	379	56.49	55	1.010	282	43.58	321
11	19.18	73	62.51	272	19.617	281	21.02	162	36.044	415	55.94	24	1.292	323	40.37	286
21	19.91	83	59.79	220	19.898	296	22.64	154	36.459	439	55.70	$\overline{8}$	1.615	355	37.51	241
31	20.74	91	57.59	160	20.194	304	24.18	139	36.898	451	55.78	38	1.970	375	35.10	188
Febr. 10	21.65	95	55.99	95	20.498	304	25.57	120	37.349	454	56.16	66	2.345	385	33.22	128
20	22.60	97	55.04	26	20.802	298	26.77	98	37.803	447	56.82	92	2.730	384	31.94	65
März 1	23.57	94	54.78	$\overline{41}$	21.100	288	27.75	72	38.250	434	57.74	113	3.114	372	31.29	0
11	24.51	88	55.19	106	21.388	273	28.47	46	38.684	413	58.87	133	3.486	353	31.29	62
21	25.39	80	56.25	164	21.661	256	28.93	20	39.097	388	60.20	149	3.839	326	31.91	120
31	26.19	69	57.89	216	21.917	236	29.13	$\overline{5}$	39.485	359	61.69	163	4.165	292	33.11	172
Apr. 10	26.88	57	60.05	258	22.153	213	29.08	27	39.844	325	63.32	173	4.457	253	34.83	217
20	27.45	43	62.63	289	22.366	190	28.81	44	40.169	287	65.05	181	4.710	211	37.00	251
30	27.88	27	65.52	310	22.556	163	28.37	59	40.456	245	66.86	186	4.921	165	39.51	275
Mai 10	28.15	11	68.62	319	22.719	135	27.78	69	40.701	201	68.72	188	5.086	118	42.26	291
20	28.26	$\overline{3}$	71.81	318	22.854	105	27.09	76	40.902	152	70.60	187	5.204	68	45.17	295
29	(25) 28.23	19	74.99	306	(26) 22.959	73	26.33	78	(26) 41.054	101	72.47	182	(27) 5.272	18	48.12	291
Juni 8	28.04	34	78.05	286	23.032	40	25.55	78	41.155	48	74.29	174	5.290	$\overline{30}$	51.03	277
18	27.70	47	80.91	258	23.072	7	24.77	75	41.203	$\overline{7}$	76.03	160	5.260	78	53.80	255
28	27.23	59	83.49	222	23.079	$\overline{28}$	24.02	71	41.196	61	77.63	144	5.182	124	56.35	227
Juli 8	26.64	69	85.71	181	23.051	60	23.31	63	41.135	113	79.07	123	5.058	166	58.62	193
18	25.95	79	87.52	136	22.991	90	22.68	56	41.022	161	80.30	98	4.892	203	60.55	155
28	25.16	85	88.88	87	22.901	118	22.12	48	40.861	202	81.28	70	4.689	235	62.10	112
Aug. 7	24.31	91	89.75	37	22.783	140	21.64	37	40.659	236	81.98	39	4.454	261	63.22	67
17	23.40	93	90.12	$\overline{16}$	22.643	156	21.27	28	40.423	259	82.37	6	4.193	279	63.89	20
27	22.47	95	89.96	68	22.487	165	20.99	17	40.164	271	82.43	$\overline{27}$	3.914	287	64.09	$\overline{28}$
Sept. 6	21.52	92	89.28	119	22.322	166	20.82	5	39.893	270	82.16	60	3.627	285	63.81	76
16	20.60	89	88.09	169	22.156	156	20.77	$\overline{8}$	39.623	253	81.56	90	3.342	273	63.05	124
26	19.71	82	86.40	215	22.000	137	20.85	23	39.370	222	80.66	117	3.069	251	61.81	170
Okt. 6	18.89	73	84.25	259	21.863	110	21.08	39	39.148	179	79.49	140	2.818	216	60.11	214
16	18.16	63	81.66	298	21.753	75	21.47	56	38.969	123	78.09	156	2.602	173	57.97	254
26	17.53	49	78.68	331	21.678	32	22.03	74	38.846	57	76.53	166	2.429	121	55.43	290
Nov. 5	17.04	35	75.37	357	21.646	$\overline{16}$	22.77	94	38.789	$\overline{15}$	74.87	166	2.308	62	52.53	321
15	16.69	18	71.80	374	21.662	65	23.71	113	38.804	91	73.21	160	2.246	$\overline{3}$	49.32	344
25	16.51	1	68.06	382	21.727	115	24.84	130	38.895	166	71.61	147	2.249	69	45.88	358
Dez. 5	16.50	$\overline{17}$	64.24	379	21.842	163	26.14	146	39.061	237	70.14	126	2.318	134	42.30	363
15	16.67	34	60.45	366	22.005	206	27.60	157	39.298	300	68.88	102	2.452	196	38.67	356
25	17.01	50	56.79	340	22.211	241	29.17	165	39.598	355	67.86	72	2.648	253	35.11	340
35	17.51		53.39		22.452		30.82		39.953		67.14		2.901		31.71	
Mittl. Ort	23.45		69.72		21.302		26.83		38.375		72.51		3.305		45.06	
sec δ, tg δ	4.139		+4.017		1.003		−0.080		1.556		−1.193		1.451		+1.052	
a, *a*′	−1.7		−9.1		+3.2		−8.8		+4.5		−8.8		+1.8		−8.6	
b, *b*′	−0.12		+0.89		0.00		+0.90		+0.03		+0.90		−0.03		+0.90	

Tag		609) γ Herculis				611) γ Apodis				616) α Scorpii				618) β Herculis			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944		$16^h\ 19^m$		$+19°\ 16'$		$16^h\ 24^m$		$-78°\ 46'$		$16^h\ 25^m$		$-26°\ 18'$		$16^h\ 27^m$		$+21°\ 36'$	
		s		"		s		"		s		"		s		"	
Jan.	1	24.896	247	62.92	259	40.08	102	13.13	182	55.997	281	22.52	54	46.639	240	39.79	267
	11	25.143	275	60.33	238	41.10	116	11.31	138	56.278	307	23.06	67	46.879	270	37.12	247
	21	25.418	293	57.95	210	42.26	126	9.93	91	56.585	326	23.73	79	47.149	291	34.65	217
	31	25.711	305	55.85	175	43.52	133	9.02	42	56.911	335	24.52	86	47.440	304	32.48	180
Febr.	10	26.016	308	54.10	133	44.85	136	8.60	$\overline{7}$	57.246	337	25.38	91	47.744	309	30.68	137
	20	26.324	304	52.77	87	46.21	136	8.67	55	57.583	333	26.29	91	48.053	307	29.31	90
März	1	26.628	294	51.90	39	47.57	133	9.22	100	57.916	323	27.20	89	48.360	298	28.41	40
	11	26.922	280	51.51	$\overline{7}$	48.90	129	10.22	142	58.239	310	28.09	85	48.658	285	28.01	$\overline{9}$
	21	27.202	260	51.58	53	50.19	121	11.64	181	58.549	293	28.94	80	48.943	267	28.10	57
	31	27.462	239	52.11	94	51.40	111	13.45	215	58.842	272	29.74	73	49.210	246	28.67	99
Apr.	10	27.701	213	53.05	130	52.51	99	15.60	245	59.114	250	30.47	68	49.456	221	29.66	136
	20	27.914	187	54.35	158	53.50	87	18.05	269	59.364	225	31.15	62	49.677	195	31.02	167
	30	28.101	157	55.93	179	54.37	71	20.74	288	59.589	196	31.77	58	49.872	164	32.69	190
Mai	10	28.258	125	57.72	194	55.08	55	23.62	300	59.785	166	32.35	53	50.036	132	34.59	205
	20	28.383	93	59.66	201	55.63	38	26.62	307	59.951	133	32.88	50	50.168	99	36.64	213
	29	[27] 28.476	58	61.67	201	[28] 56.01	19	29.69	306	[29] 60.084	98	33.38	46	[29] 50.267	64	38.77	213
Juni	8	28.534	23	63.68	194	56.20	1	32.75	299	60.182	60	33.84	43	50.331	28	40.90	207
	18	28.557	$\overline{12}$	65.62	182	56.21	$\overline{18}$	35.74	283	60.242	20	34.27	38	50.359	$\overline{9}$	42.97	194
	28	28.545	47	67.44	165	56.03	35	38.57	261	60.262	$\overline{18}$	34.65	33	50.350	45	44.91	177
Juli	8	28.498	81	69.09	143	55.68	52	41.18	231	60.244	57	34.98	27	50.305	79	46.68	155
	18	28.417	112	70.52	119	55.16	68	43.49	194	60.187	93	35.25	19	50.226	112	48.23	129
	28	28.305	138	71.71	92	54.48	81	45.43	151	60.094	126	35.44	10	50.114	141	49.52	100
Aug.	7	28.167	161	72.63	63	53.67	91	46.94	104	59.968	152	35.54	0	49.973	164	50.52	69
	17	28.006	178	73.26	32	52.76	98	47.98	53	59.816	172	35.54	10	49.809	181	51.21	37
	27	27.828	186	73.58	0	51.78	101	48.51	$\overline{2}$	59.644	184	35.44	21	49.628	192	51.58	4
Sept.	6	27.642	186	73.58	33	50.77	101	48.49	56	59.460	186	35.23	31	49.436	194	51.62	$\overline{31}$
	16	27.456	178	73.25	66	49.76	95	47.93	108	59.274	177	34.92	39	49.242	186	51.31	67
	26	27.278	161	72.59	99	48.81	86	46.85	158	59.097	157	34.53	45	49.056	169	50.64	100
Okt.	6	27.117	133	71.60	131	47.95	73	45.27	202	58.940	127	34.08	49	48.887	143	49.64	135
	16	26.984	98	70.29	163	47.22	56	43.25	238	58.813	88	33.59	48	48.744	109	48.29	169
	26	26.886	56	68.66	193	46.66	36	40.87	264	58.725	41	33.11	43	48.635	67	46.60	199
Nov.	5	26.830	8	66.73	219	46.30	15	38.23	281	58.684	$\overline{11}$	32.68	35	48.568	20	44.61	227
	15	26.822	$\overline{42}$	64.54	242	46.15	$\overline{8}$	35.42	287	58.695	67	32.33	23	48.548	$\overline{31}$	42.34	250
	25	26.864	94	62.12	260	46.23	32	32.55	281	58.762	123	32.10	8	48.579	82	39.84	268
Dez.	5	26.958	143	59.52	270	46.55	54	29.74	264	58.885	175	32.02	$\overline{10}$	48.661	133	37.16	279
	15	27.101	189	56.82	274	47.09	75	27.10	239	59.060	222	32.12	27	48.794	180	34.37	283
	25	27.290	228	54.08	268	47.84	93	24.71	205	59.282	263	32.39	45	48.974	221	31.54	277
	35	27.518		51.40		48.77		22.66		59.545		32.84		49.195		28.77	
Mittl. Ort		26.854		60.16		47.56		31.54		58.171		33.95		48.630		37.30	
sec δ, tg δ		1.059		+0.350		5.137		−5.039		1.116		−0.494		1.0[illegible]6		+0.396	
a, *a'*		+2.6		−8.5		+9.2		−8.1		+3.7		−8.0		+2.6		−7.8	
b, *b'*		−0.01		+0.91		+0.14		+0.92		+0.01		+0.92		−0.01		+0.92	

Scheinbare Sternörter 1944

Tag	619) A Draconis AR.		619) A Draconis Dekl.		1432) Pi 16h140 Draco AR.		1432) Pi 16h140 Draco Dekl.		621) σ Herculis AR.		621) σ Herculis Dekl.		622) ζ Ophiuchi AR.		622) ζ Ophiuchi Dekl.	
1944	$16^h\ 28^m$		$+68°\ 53'$		$16^h\ 31^m$		$+60°\ 56'$		$16^h\ 32^m$		$+42°\ 32'$		$16^h\ 34^m$		$-10°\ 27'$	
	s		"		s		"		s		"		s		"	
Jan. 1	1.29	40	18.78	334	34.91	32	22.51	339	15.485	256	65.24	321	2.275	250	10.73	130
11	1.69	49	15.44	294	35.23	39	19.12	301	15.741	297	62.03	290	2.525	275	12.03	131
21	2.18	56	12.50	245	35.62	44	16.11	253	16.038	328	59.13	249	2.800	293	13.34	129
31	2.74	62	10.05	187	36.06	48	13.58	197	16.366	350	56.64	199	3.093	304	14.63	120
Febr. 10	3.36	66	8.18	123	36.54	51	11.61	134	16.716	361	54.65	142	3.397	307	15.83	108
20	4.02	66	6.95	55	37.05	51	10.27	67	17.077	363	53.23	82	3.704	304	16.91	92
März 1	4.68	66	6.40	14	37.56	50	9.60	2	17.440	356	52.41	19	4.008	296	17.83	72
11	5.34	62	6.54	80	38.06	48	9.62	68	17.796	340	52.22	43	4.304	285	18.55	52
21	5.96	58	7.34	142	38.54	45	10.30	130	18.136	318	52.65	101	4.589	270	19.07	31
31	6.54	51	8.76	196	38.99	40	11.60	185	18.454	290	53.66	154	4.859	252	19.38	12
Apr. 10	7.05	43	10.72	243	39.39	34	13.45	233	18.744	256	55.20	199	5.111	232	19.50	6
20	7.48	35	13.15	280	39.73	29	15.78	271	19.000	219	57.19	236	5.343	210	19.44	20
30	7.83	25	15.95	304	40.02	21	18.49	298	19.219	179	59.55	263	5.553	184	19.24	33
Mai 10	8.08	15	18.99	320	40.23	15	21.47	314	19.398	135	62.18	281	5.737	157	18.91	41
20	8.23	4	22.19	323	40.38	7	24.61	320	19.533	89	64.99	288	5.894	127	18.50	46
29*)	[29] 8.27	5	25.42	316	[30] 40.45	1	27.81	316	[30] 19.622	43	67.87	286	[31] 6.021	94	18.04	49
Juni 8	8.22	15	28.58	301	40.44	7	30.97	301	19.665	3	70.73	276	6.115	60	17.55	50
18	8.07	25	31.59	277	40.37	15	33.98	280	19.662	50	73.49	258	6.175	25	17.05	48
28	7.82	33	34.36	245	40.22	21	36.78	250	19.612	94	76.07	233	6.200	11	16.57	45
Juli 8	7.49	41	36.81	206	40.01	27	39.28	213	19.518	136	78.40	202	6.189	47	16.12	42
18	7.08	48	38.87	164	39.74	32	41.41	172	19.382	174	80.42	166	6.142	80	15.70	37
28	6.60	53	40.51	117	39.42	37	43.13	127	19.208	208	82.08	126	6.062	111	15.33	33
Aug. 7	6.07	58	41.68	67	39.05	41	44.40	78	19.000	235	83.34	83	5.951	136	15.00	28
17	5.49	61	42.35	16	38.64	43	45.18	27	18.765	255	84.17	39	5.815	156	14.72	22
27	4.88	62	42.51	36	38.21	44	45.45	24	18.510	266	84.56	8	5.659	167	14.50	18
Sept. 6	4.26	61	42.15	89	37.77	44	45.21	76	18.244	268	84.48	55	5.492	171	14.32	11
16	3.65	60	41.26	141	37.33	43	44.45	128	17.976	259	83.93	101	5.321	165	14.21	5
26	3.05	55	39.85	189	36.90	40	43.17	177	17.717	240	82.92	147	5.156	148	14.16	5
Okt. 6	2.50	51	37.96	236	36.50	36	41.40	225	17.477	211	81.45	191	5.008	122	14.21	15
16	1.99	43	35.60	279	36.14	30	39.15	267	17.266	171	79.54	233	4.886	88	14.36	26
26	1.56	34	32.81	316	35.84	24	36.48	306	17.095	122	77.21	269	4.798	47	14.62	41
Nov. 5	1.22	24	29.65	346	35.60	16	33.42	338	16.973	68	74.52	302	4.751	1	15.03	57
15	0.98	13	26.19	368	35.44	8	30.04	363	16.905	8	71.50	327	4.752	51	15.60	73
25	0.85	1	22.51	381	35.36	2	26.41	377	16.897	54	68.23	344	4.803	101	16.33	89
Dez. 5	0.84	10	18.70	384	35.38	10	22.64	383	16.951	115	64.79	352	4.904	150	17.22	105
15	0.94	23	14.86	376	35.48	19	18.81	376	17.066	175	61.27	350	5.054	195	18.27	118
25	1.17	33	11.10	354	35.67	28	15.05	357	17.241	229	57.77	338	5.249	232	19.45	127
35	1.50		7.56		35.95		11.48		17.470		54.39		5.481		20.72	
Mittl. Ort	4.88		21.62		37.82		24.68		17.725		65.65		4.316		18.96	
sec δ, tg δ	2.776		+2.590		2.059		+1.800		1.357		+0.918		1.017		−0.185	
a, *a'*	−0.1		−7.8		+0.8		−7.5		+1.9		−7.5		+3.3		−7.3	
b, *b'*	−0.07		+0.92		−0.05		+0.93		−0.02		+0.93		0.00		+0.93	

*) Bei Stern 1432), 621) und 622) lies Mai 30.

Tag		626) η Herculis AR.		626) η Herculis Dekl.		625) α Triang. austr. AR.		625) α Triang. austr. Dekl.		627) Grb 2377 AR.		627) Grb 2377 Dekl.		628) ε Scorpii AR.		628) ε Scorpii Dekl.	
1944		16h 40m		+39° 1′		16h 42m		−68° 55′		16h 44m		+56° 52′		16h 46m		−34° 11′	
		s		″		s		″		s		″		s		″	
Jan.	1	56.251	241	40.25	318	38.29	56	23.90	166	11.117	279	51.78	343	29.476	282	24.43	2
	11	56.492	280	37.07	289	38.85	64	22.24	128	11.396	340	48.35	309	29.758	314	24.41	16
	21	56.772	312	34.18	252	39.49	71	20.96	89	11.736	390	45.26	265	30.072	337	24.57	33
	31	57.084	332	31.66	204	40.20	74	20.07	47	12.126	426	42.61	211	30.409	352	24.90	47
Febr.	10	57.416	345	29.62	150	40.94	76	19.60	5	12.552	450	40.50	150	30.761	358	25.37	59
	20	57.761	347	28.12	91	41.70	77	19.55	36	13.002	460	39.00	85	31.119	358	25.96	68
März	1	58.108	343	27.21	30	42.47	75	19.91	75	13.462	456	38.15	17	31.477	351	26.64	74
	11	58.451	329	26.91	30	43.22	74	20.66	112	13.918	441	37.98	49	31.828	341	27.38	79
	21	58.780	310	27.21	88	43.96	70	21.78	145	14.359	413	38.47	112	32.169	326	28.17	83
	31	59.090	286	28.09	140	44.66	66	23.23	175	14.772	376	39.59	170	32.495	307	29.00	84
Apr.	10	59.376	255	29.49	185	45.32	60	24.98	202	15.148	331	41.29	218	32.802	286	29.84	86
	20	59.631	222	31.34	223	45.92	53	27.00	225	15.479	279	43.47	259	33.088	260	30.70	88
	30	59.853	185	33.57	252	46.45	47	29.25	243	15.758	221	46.06	289	33.348	232	31.58	88
Mai	10	60.038	144	36.09	269	46.92	38	31.68	256	15.979	160	48.95	308	33.580	200	32.46	89
	20	60.182	102	38.78	279	47.30	29	34.24	264	16.139	96	52.03	318	33.780	164	33.35	90
	30	[1] 60.284	59	41.57	280	[2] 47.59	19	36.88	267	[2] 16.235	31	55.21	316	[3] 33.944	125	34.25	88
Juni	8	60.343	14	44.37	271	47.78	10	39.55	262	16.266	34	58.37	306	34.069	84	35.13	86
	18	60.357	31	47.08	255	47.88	1	42.17	252	16.232	98	61.43	286	34.153	40	35.99	82
	28	60.326	74	49.63	232	47.87	11	44.69	235	16.134	159	64.29	259	34.193	5	36.81	77
Juli	8	60.252	115	51.95	203	47.76	20	47.04	212	15.975	214	66.88	226	34.188	48	37.58	68
	18	60.137	154	53.98	170	47.56	30	49.16	182	15.761	266	69.14	187	34.140	90	38.26	58
	28	59.983	187	55.68	132	47.26	37	50.98	147	15.495	310	71.01	144	34.050	129	38.84	44
Aug.	7	59.796	216	57.00	91	46.89	45	52.45	106	15.185	346	72.45	97	33.921	161	39.28	29
	17	59.580	236	57.91	48	46.44	49	53.51	61	14.839	372	73.42	48	33.760	186	39.57	12
	27	59.344	249	58.39	4	45.95	52	54.12	14	14.467	387	73.90	4	33.574	202	39.69	5
Sept.	6	59.095	252	58.43	42	45.43	53	54.26	34	14.080	391	73.86	54	33.372	208	39.64	23
	16	58.843	246	58.01	87	44.90	50	53.92	82	13.689	382	73.32	106	33.164	203	39.41	40
	26	58.597	229	57.14	132	44.40	47	53.10	126	13.307	361	72.26	156	32.961	184	39.01	55
Okt.	6	58.368	202	55.82	175	43.93	40	51.84	167	12.946	325	70.70	204	32.777	156	38.46	67
	16	58.166	166	54.07	216	43.53	31	50.17	201	12.621	278	68.66	249	32.621	116	37.79	76
	26	58.000	120	51.91	253	43.22	21	48.16	226	12.343	220	66.17	289	32.505	68	37.03	79
Nov.	5	57.880	68	49.38	286	43.01	9	45.90	243	12.123	152	63.28	323	32.437	13	36.24	77
	15	57.812	11	46.52	313	42.92	4	43.47	250	11.971	77	60.05	350	32.424	46	35.47	72
	25	57.801	48	43.39	331	42.96	17	40.97	247	11.894	3	56.55	369	32.470	106	34.75	61
Dez.	5	57.849	107	40.08	342	43.13	29	38.50	235	11.897	84	52.86	377	32.576	163	34.14	46
	15	57.956	163	36.66	342	43.42	41	36.15	213	11.981	164	49.09	375	32.739	215	33.68	30
	25	58.119	215	33.24	332	43.83	51	34.02	185	12.145	238	45.34	360	32.954	261	33.38	12
	35	58.334		29.92		44.34		32.17		12.383		41.74		33.215		33.26	
Mittl. Ort		58.445		39.91		42.95		40.07		13.825		53.00		31.892		36.12	
sec δ, tg δ		1.287		+0.811		2.781		−2.595		1.830		+1.533		1.209		−0.679	
a, a′		+2.1		−6.8		+6.3		−6.6		+1.1		−6.5		+3.9		−6.3	
b, b′		−0.02		+0.94		+0.06		+0.94		−0.03		+0.95		+0.01		+0.95	

Tag	629) 49 Herculis				1444) 24 G. Arae				631) ζ Arae				633) κ Ophiuchi			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	$16^h\ 49^m$		$+15°\ 3'$		$16^h\ 53^m$		$-50°\ 33'$		$16^h\ 53^m$		$-55°\ 53'$		$16^h\ 54^m$		$+9°\ 27'$	
	s		"		s		"		s		"		s		"	
Jan. 1	29.721	222	64.29	244	55.148	341	3.96	93	55.287	378	60.28	119	58.898	218	43.06	219
11	29.943	251	61.85	228	55.489	386	3.03	67	55.665	428	59.09	91	59.116	248	40.87	208
21	30.194	274	59.57	206	55.875	419	2.36	39	56.093	466	58.18	59	59.364	269	38.79	190
31	30.468	290	57.51	176	56.294	440	1.97	11	56.559	491	57.59	27	59.633	284	36.89	164
Febr. 10	30.758	297	55.75	139	56.734	453	1.86	15	57.050	506	57.32	4	59.917	293	35.25	133
20	31.055	298	54.36	98	57.187	456	2.01	41	57.556	511	57.36	34	60.210	294	33.92	97
März 1	31.353	294	53.38	54	57.643	450	2.42	64	58.067	505	57.70	63	60.504	291	32.95	58
11	31.647	285	52.84	9	58.093	440	3.06	85	58.572	493	58.33	88	60.795	282	32.37	18
21	31.932	271	52.75	34	58.533	422	3.91	104	59.065	473	59.21	113	61.077	270	32.19	21
31	32.203	254	53.09	74	58.955	399	4.95	122	59.538	448	60.34	134	61.347	255	32.40	57
Apr. 10	32.457	234	53.83	110	59.354	372	6.17	137	59.986	415	61.68	154	61.602	236	32.97	89
20	32.691	211	54.93	139	59.726	339	7.54	150	60.401	378	63.22	170	61.838	214	33.86	117
30	32.902	184	56.32	162	60.065	301	9.04	161	60.779	335	64.92	184	62.052	189	35.03	137
Mai 10	33.086	155	57.94	178	60.366	258	10.65	169	61.114	285	66.76	194	62.241	162	36.40	152
20	33.241	124	59.72	187	60.624	211	12.34	175	61.399	231	68.70	201	62.403	131	37.92	161
30	4 33.365	90	61.59	190	5 60.835	160	14.09	177	5 61.630	172	70.71	204	5 62.534	99	39.53	164
Juni 8	33.455	54	63.49	187	60.995	105	15.86	175	61.802	109	72.75	203	62.633	64	41.17	162
18	33.509	19	65.36	177	61.100	47	17.61	170	61.911	43	74.78	196	62.697	28	42.79	154
28	33.528	19	67.13	164	61.147	12	19.31	159	61.954	23	76.74	184	62.725	8	44.33	142
Juli 8	33.509	55	68.77	145	61.135	70	20.90	145	61.931	87	78.58	168	62.717	45	45.75	128
18	33.454	89	70.22	125	61.065	124	22.35	125	61.844	150	80.26	146	62.672	80	47.03	110
28	33.365	120	71.47	101	60.941	175	23.60	102	61.694	206	81.72	119	62.592	111	48.13	89
Aug. 7	33.245	147	72.48	75	60.766	217	24.62	75	61.488	253	82.91	88	62.481	138	49.02	68
17	33.098	167	73.23	47	60.549	250	25.37	45	61.235	290	83.79	53	62.343	160	49.70	45
27	32.931	181	73.70	19	60.299	272	25.82	12	60.945	314	84.32	17	62.183	175	50.15	21
Sept. 6	32.750	187	73.89	11	60.027	280	25.94	22	60.631	323	84.49	22	62.008	180	50.36	4
16	32.563	182	73.78	41	59.747	274	25.72	54	60.308	316	84.27	59	61.828	178	50.32	29
26	32.381	169	73.37	71	59.473	253	25.18	85	59.992	291	83.68	94	61.650	166	50.03	56
Okt. 6	32.212	147	72.66	102	59.220	216	24.33	112	59.701	251	82.74	126	61.484	143	49.47	82
16	32.065	116	71.64	132	59.004	168	23.21	135	59.450	196	81.48	153	61.341	114	48.65	109
26	31.949	77	70.32	161	58.836	108	21.86	151	59.254	129	79.95	174	61.227	75	47.56	134
Nov. 5	31.872	32	68.71	188	58.728	38	20.35	162	59.125	51	78.21	186	61.152	31	46.22	158
15	31.840	17	66.83	211	58.690	36	18.73	163	59.074	33	76.35	190	61.121	16	44.64	181
25	31.857	66	64.72	230	58.726	111	17.10	158	59.107	117	74.45	187	61.137	65	42.83	199
Dez. 5	31.923	115	62.42	243	58.837	185	15.52	147	59.224	199	72.58	176	61.202	113	40.84	214
15	32.038	161	59.99	251	59.022	253	14.05	130	59.423	277	70.82	158	61.315	159	38.70	222
25	32.199	202	57.48	250	59.275	314	12.75	107	59.700	345	69.24	135	61.474	198	36.48	223
35	32.401		54.98		59.589		11.68		60.045		67.89		61.672		34.25	
Mittl. Ort	31.739		60.51		58.165		17.34		58.620		74.26		60.924		38.44	
sec δ, tg δ	1.036		+0.269		1.574		−1.215		1.784		−1.477		1.014		+0.167	
a, a′	+2.7		−6.1		+4.6		−5.7		+5.0		−5.7		+2.9		−5.6	
b, b′	−0.01		+0.95		+0.02		+0.96		+0.03		+0.96		0.00		+0.96	

Tag		634) ε Herculis				1449) 85 G. Ophiuchi				639) ζ Draconis				641) δ Herculis			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944		16h 58m		+31° 0′		17h 4m		−17° 32′		17h 8m		+65° 46′		17h 12m		+24° 54′	
		s		″		s		″		s		″		s		″	
Jan.	1	6.572	216	29.64	301	57.339	234	3.34	78	33.80	28	60.31	355	41.672	200	17.01	281
	11	6.788	253	26.63	278	57.573	263	4.12	84	34.08	36	56.76	325	41.872	236	14.20	265
	21	7.041	282	23.85	246	57.836	286	4.96	87	34.44	45	53.51	285	42.108	263	11.55	237
	31	7.323	302	21.39	206	58.122	302	5.83	84	34.89	50	50.66	233	42.371	285	9.18	202
Febr.	10	7.625	316	19.33	158	58.424	310	6.67	80	35.39	55	48.33	174	42.656	299	7.16	160
	20	7.941	320	17.75	105	58.734	312	7.47	70	35.94	58	46.59	109	42.955	305	5.56	111
März	1	8.261	319	16.70	49	59.046	309	8.17	59	36.52	58	45.50	41	43.260	306	4.45	59
	11	8.580	310	16.21	$\overline{8}$	59.355	303	8.76	47	37.10	57	45.09	$\overline{27}$	43.566	300	3.86	8
	21	8.890	296	16.29	62	59.658	292	9.23	33	37.67	55	45.36	93	43.866	290	3.78	$\overline{44}$
	31	9.186	277	16.91	112	59.950	279	9.56	20	38.22	51	46.29	153	44.156	275	4.22	92
Apr.	10	9.463	254	18.03	157	60.229	262	9.76	9	38.73	45	47.82	206	44.431	256	5.14	134
	20	9.717	226	19.60	194	60.491	242	9.85	0	39.18	39	49.88	251	44.687	232	6.48	171
	30	9.943	196	21.54	224	60.733	219	9.85	8	39.57	31	52.39	286	44.919	206	8.19	200
Mai	10	10.139	161	23.78	243	60.952	193	9.77	12	39.88	23	55.25	310	45.125	175	10.19	220
	20	10.300	124	26.21	255	61.145	162	9.65	16	40.11	14	58.35	324	45.300	141	12.39	233
	30	$_{6}$10.424	86	28.76	259	$_{8}$61.307	130	9.49	16	40.25	5	61.59	327	45.441	105	14.72	238
Juni	8*)	10.510	45	31.35	254	61.437	93	9.33	15	$_{8}$40.30	$\overline{4}$	64.86	321	$_{9}$45.546	66	17.10	236
	18	10.555	3	33.89	242	61.530	56	9.18	14	40.26	12	68.07	306	45.612	27	19.46	227
	28	10.558	$\overline{38}$	36.31	223	61.586	16	9.04	11	40.14	21	71.13	282	45.639	$\overline{14}$	21.73	211
Juli	8	10.520	79	38.54	199	61.602	$\overline{23}$	8.93	10	39.93	29	73.95	251	45.625	54	23.84	190
	18	10.441	116	40.53	170	61.579	62	8.83	8	39.64	36	76.46	214	45.571	91	25.74	165
	28	10.325	150	42.23	138	61.517	97	8.75	7	39.28	42	78.60	173	45.480	127	27.39	137
Aug.	7	10.175	180	43.61	102	61.420	128	8.68	7	38.86	48	80.33	126	45.353	158	28.76	104
	17	9.995	202	44.63	63	61.292	153	8.61	7	38.38	51	81.59	78	45.195	182	29.80	71
	27	9.793	218	45.26	24	61.139	171	8.54	7	37.87	54	82.37	26	45.013	199	30.51	34
Sept.	6	9.575	225	45.50	$\overline{17}$	60.968	179	8.47	9	37.33	55	82.63	$\overline{26}$	44.814	208	30.85	$\overline{2}$
	16	9.350	222	45.33	59	60.789	177	8.38	9	36.78	55	82.37	78	44.606	208	30.83	40
	26	9.128	208	44.74	100	60.612	166	8.29	8	36.23	53	81.59	130	44.398	198	30.43	77
Okt.	6	8.920	187	43.74	140	60.446	143	8.21	6	35.70	49	80.29	181	44.200	179	29.66	115
	16	8.733	154	42.34	180	60.303	111	8.15	1	35.21	44	78.48	229	44.021	149	28.51	152
	26	8.579	114	40.54	216	60.192	72	8.14	$\overline{6}$	34.77	37	76.19	272	43.872	112	26.99	187
Nov.	5	8.465	67	38.38	248	60.120	26	8.20	14	34.40	29	73.47	310	43.760	69	25.12	218
	15	8.398	15	35.90	276	60.094	$\overline{24}$	8.34	26	34.11	20	70.37	342	43.691	20	22.94	245
	25	8.383	$\overline{39}$	33.14	298	60.118	76	8.60	38	33.91	10	66.95	364	43.671	$\overline{31}$	20.49	268
Dez.	5	8.422	93	30.16	311	60.194	126	8.98	51	33.81	$\overline{1}$	63.31	378	43.702	83	17.81	283
	15	8.515	144	27.05	316	60.320	173	9.49	63	33.82	11	59.53	379	43.785	131	14.98	291
	25	8.659	192	23.89	310	60.493	214	10.12	75	33.93	22	55.74	369	43.916	177	12.07	289
	35	8.851		20.79		60.707		10.87		34.15		52.05		44.093		9.18	
Mittl. Ort		8.694		27.82		59.548		11.68		37.13		60.62		43.768		14.20	
sec δ, tg δ		1.167		+0.601		1.049		−0.316		2.438		+2.223		1.103		+0.464	
a, a′		+2.3		−5.3		+3.5		−4.8		+0.2		−4.5		+2.5		−4.1	
b, b′		−0.01		+0.96		+0.01		+0.97		−0.03		+0.98		−0.01		+0.98	

*) Bei Stern 641) lies Juni 9.

Tag	643) π Herculis				1454) Pi 17ʰ 68 Herc				644) ϑ Ophiuchi				645) β Arae			
	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ
1944	$17^h\ 13^m$		$+36°\ 52'$		$17^h\ 17^m$		$+18°\ 6'$		$17^h\ 18^m$		$-24°\ 56'$		$17^h\ 20^m$		$-55°\ 28'$	
	s		"		s		"		s		"		s		"	
Jan. 1	3.470	203	17.97	319	48.585	195	51.62	254	31.688	234	34.91	29	34.828	339	33.87	141
11	3.673	245	14.78	297	48.780	229	49.08	241	31.922	266	35.20	39	35.167	393	32.46	115
21	3.918	279	11.81	264	49.009	257	46.67	218	32.188	292	35.59	45	35.560	436	31.31	89
31	4.197	306	9.17	222	49.266	276	44.49	188	32.480	310	36.04	50	35.996	468	30.42	60
Febr. 10	4.503	323	6.95	172	49.542	289	42.61	151	32.790	321	36.54	52	36.464	490	29.82	31
20	4.826	332	5.23	117	49.831	295	41.10	108	33.111	325	37.06	50	36.954	501	29.51	3
März 1	5.158	335	4.06	58	50.126	297	40.02	61	33.436	326	37.56	47	37.455	503	29.48	25
11	5.493	329	3.48	3	50.423	292	39.41	15	33.762	321	38.03	43	37.958	497	29.73	51
21	5.822	317	3.51	61	50.715	283	39.26	32	34.083	312	38.46	37	38.455	485	30.24	76
31	6.139	299	4.12	115	50.998	270	39.58	75	34.395	300	38.83	31	38.940	466	31.00	100
Apr. 10	6.438	276	5.27	163	51.268	253	40.33	115	34.695	285	39.14	27	39.406	439	32.00	121
20	6.714	247	6.90	205	51.521	232	41.48	148	34.980	265	39.41	24	39.845	408	33.21	140
30	6.961	215	8.95	237	51.753	208	42.96	174	35.245	243	39.65	22	40.253	368	34.61	158
Mai 10	7.176	179	11.32	262	51.961	180	44.70	194	35.488	216	39.87	21	40.621	324	36.19	173
20	7.355	138	13.94	275	52.141	148	46.64	206	35.704	185	40.08	22	40.945	272	37.92	184
30	7.493	97	16.69	281	52.289	115	48.70	211	35.889	150	40.30	23	41.217	215	39.76	192
Juni 9	10 7.590	53	19.50	278	11 52.404	78	50.81	209	11 36.039	113	40.53	25	11 41.432	153	41.68	195
18	7.643	7	22.28	266	52.482	39	52.90	201	36.152	72	40.78	27	41.585	87	43.63	195
28	7.650	38	24.94	249	52.521	1	54.91	188	36.224	30	41.05	28	41.672	20	45.58	189
Juli 8	7.612	82	27.43	224	52.522	38	56.79	169	36.254	13	41.33	28	41.692	48	47.47	177
18	7.530	124	29.67	194	52.484	76	58.48	149	36.241	54	41.61	26	41.644	113	49.24	160
28	7.406	162	31.61	159	52.408	111	59.97	124	36.187	94	41.87	23	41.531	174	50.84	138
Aug. 7	7.244	194	33.20	122	52.297	141	61.21	95	36.093	128	42.10	19	41.357	227	52.22	111
17	7.050	221	34.42	81	52.156	166	62.16	67	35.965	156	42.29	12	41.130	271	53.33	79
27	6.829	239	35.23	38	51.990	185	62.83	35	35.809	177	42.41	5	40.859	302	54.12	45
Sept. 6	6.590	249	35.61	6	51.805	194	63.18	3	35.632	189	42.46	4	40.557	318	54.57	8
16	6.341	248	35.55	51	51.611	194	63.21	29	35.443	189	42.42	11	40.239	320	54.65	30
26	6.093	237	35.04	95	51.417	186	62.92	62	35.254	179	42.31	18	39.919	304	54.35	67
Okt. 6	5.856	216	34.09	140	51.231	167	62.30	96	35.075	157	42.13	24	39.615	271	53.68	101
16	5.640	185	32.69	182	51.064	139	61.34	128	34.918	127	41.89	27	39.344	223	52.67	130
26	5.455	145	30.87	222	50.925	104	60.06	159	34.791	86	41.62	27	39.121	162	51.37	156
Nov. 5	5.310	98	28.65	257	50.821	62	58.47	188	34.705	39	41.35	25	38.959	89	49.81	174
15	5.212	44	26.08	288	50.759	15	56.59	213	34.666	13	41.10	19	38.870	10	48.07	184
25	5.168	12	23.20	312	50.744	35	54.46	235	34.679	66	40.91	10	38.860	73	46.23	187
Dez. 5	5.180	68	20.08	327	50.779	84	52.11	251	34.745	119	40.81	1	38.933	155	44.36	181
15	5.248	123	16.81	333	50.863	131	49.60	259	34.864	168	40.82	11	39.088	232	42.55	171
25	5.371	176	13.48	329	50.994	174	47.01	260	35.032	213	40.93	24	39.320	304	40.84	152
35	5.547		10.19		51.168		44.41		35.245		41.17		39.624		39.32	
Mittl. Ort	5.679		16.30		50.660		48.02		34.046		43.57		38.319		45.56	
sec δ, tg δ	1.250		+0.750		1.052		+0.327		1.103		−0.465		1.765		−1.454	
a, *a′*	+2.1		−4.1		+2.6		−3.7		+3.7		−3.6		+5.0		−3.4	
b, *b′*	−0.01		+0.98		0.00		+0.98		+0.01		+0.98		+0.02		+0.99	

Tag		648) δ Arae AR.		648) δ Arae Dekl.		651) α Arae AR.		651) α Arae Dekl.	
1944		$17^h\ 25^m$		$-60^\circ\ 38'$		$17^h\ 27^m$		$-49^\circ\ 49'$	
Jan.	1	58.26	38	10.86	170	27.333	297	51.78	116
	11	58.64	43	9.16	144	27.630	346	50.62	96
	21	59.07	49	7.72	115	27.976	385	49.66	73
	31	59.56	52	6.57	84	28.361	413	48.93	49
Febr.	10	60.08	56	5.73	51	28.774	432	48.44	26
	20	60.64	57	5.22	18	29.206	443	48.18	2
März	1	61.21	57	5.04	— 13	29.649	447	48.16	— 20
	11	61.78	57	5.17	45	30.096	443	48.36	41
	21	62.35	56	5.62	73	30.539	433	48.77	61
	31	62.91	54	6.35	102	30.972	417	49.38	80
Apr.	10	63.45	50	7.37	127	31.389	397	50.18	98
	20	63.95	47	8.64	152	31.786	370	51.16	114
	30	64.42	43	10.16	172	32.156	338	52.30	128
Mai	10	64.85	37	11.88	190	32.494	300	53.58	142
	20	65.22	31	13.78	205	32.794	256	55.00	152
	30	65.53	25	15.83	214	33.050	207	56.52	161
Juni	9	13 65.78	18	17.97	220	13 33.257	153	58.13	164
	18	65.96	10	20.17	219	33.410	95	59.77	166
	28	66.06	2	22.36	213	33.505	35	61.43	162
Juli	8	66.08	— 6	24.49	202	33.540	— 25	63.05	153
	18	66.02	13	26.51	184	33.515	84	64.58	141
	28	65.89	20	28.35	159	33.431	139	65.99	123
Aug.	7	65.69	27	29.94	130	33.292	187	67.22	100
	17	65.42	32	31.24	96	33.105	228	68.22	74
	27	65.10	35	32.20	57	32.877	258	68.96	44
Sept.	6	64.75	37	32.77	17	32.619	275	69.40	13
	16	64.38	38	32.94	— 26	32.344	277	69.53	— 20
	26	64.00	36	32.68	67	32.067	266	69.33	52
Okt.	6	63.64	33	32.01	106	31.801	238	68.81	82
	16	63.31	27	30.95	141	31.563	197	67.99	109
	26	63.04	20	29.54	170	31.366	144	66.90	130
Nov.	5	62.84	13	27.84	192	31.222	80	65.60	145
	15	62.71	3	25.92	206	31.142	10	64.15	154
	25	62.68	— 6	23.86	212	31.132	— 62	62.61	157
Dez.	5	62.74	16	21.74	210	31.194	134	61.04	153
	15	62.90	25	19.64	199	31.328	204	59.51	142
	25	63.15	33	17.65	182	31.532	267	58.09	127
	35	63.48		15.83		31.799		56.82	
Mittl. Ort		62.24		22.47		30.510		62.39	
sec δ, tg δ		2.040		−1.778		1.550		−1.185	
a, *a′*		+5.4		−3.0		+4.6		−2.8	
b, *b′*		+0.02		+0.99		+0.01		+0.99	

Tag		653) β Draconis AR.		653) β Draconis Dekl.		652) λ Scorpii AR.		652) λ Scorpii Dekl.	
1944		$17^h\ 29^m$		$+52^\circ\ 20'$		$17^h\ 29^m$		$-37^\circ\ 3'$	
Jan.	1	7.328	196	33.00	353	45.490	249	44.41	48
	11	7.524	256	29.47	330	45.739	288	43.93	33
	21	7.780	308	26.17	295	46.027	318	43.60	19
	31	8.088	350	23.22	250	46.345	342	43.41	4
Febr.	10	8.438	381	20.72	195	46.687	356	43.37	— 7
	20	8.819	402	18.77	134	47.043	364	43.44	19
März	1	9.221	411	17.43	70	47.407	367	43.63	28
	11	9.632	410	16.73	4	47.774	364	43.91	36
	21	10.042	398	16.69	— 61	48.138	357	44.27	44
	31	10.440	377	17.30	122	48.495	344	44.71	50
Apr.	10	10.817	348	18.52	177	48.839	329	45.21	58
	20	11.165	310	20.29	225	49.168	308	45.79	64
	30	11.475	267	22.54	263	49.476	283	46.43	71
Mai	10	11.742	217	25.17	291	49.759	254	47.14	77
	20	11.959	163	28.08	309	50.013	219	47.91	84
	30	12.122	105	31.17	319	50.232	180	48.75	89
Juni	9	14 12.227	47	34.36	317	14 50.412	137	49.64	94
	18	12.274	— 14	37.53	307	50.549	91	50.58	95
	28	12.260	74	40.60	289	50.640	42	51.53	94
Juli	8	12.186	131	43.49	263	50.682	— 8	52.47	91
	18	12.055	185	46.12	232	50.674	55	53.38	85
	28	11.870	234	48.44	194	50.619	101	54.23	74
Aug.	7	11.636	277	50.38	152	50.518	142	54.97	62
	17	11.359	311	51.90	106	50.376	176	55.59	46
	27	11.048	336	52.96	59	50.200	201	56.05	28
Sept.	6	10.712	350	53.55	9	49.999	216	56.33	8
	16	10.362	353	53.64	— 43	49.783	219	56.41	— 12
	26	10.009	344	53.21	93	49.564	209	56.29	32
Okt.	6	9.665	321	52.28	143	49.355	188	55.97	50
	16	9.344	287	50.85	192	49.167	154	55.47	65
	26	9.057	242	48.93	237	49.013	110	54.82	77
Nov.	5	8.815	187	46.56	278	48.903	58	54.05	85
	15	8.628	124	43.78	313	48.845	2	53.20	86
	25	8.504	55	40.65	340	48.843	— 58	52.34	85
Dez.	5	8.449	— 16	37.25	358	48.901	118	51.49	78
	15	8.465	87	33.67	366	49.019	173	50.71	67
	25	8.552	157	30.01	363	49.192	225	50.04	56
	35	8.709		26.38		49.417		49.48	
Mittl. Ort		9.894		31.68		48.163		53.66	
sec δ, tg δ		1.637		+1.296		1.253		−0.755	
a, *a′*		+1.4		−2.7		+4.1		−2.6	
b, *b′*		−0.01		+0.99		+0.01		+0.99	

Scheinbare Sternörter 1944

Tag		656) α Ophiuchi				654) ϑ Scorpii				658) ξ Serpentis				664) ω Draconis			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944		$17^h\ 32^m$		$+12°\ 35'$		$17^h\ 33^m$		$-42°\ 57'$		$17^h\ 34^m$		$-15°\ 21'$		$17^h\ 37^m$		$+68°\ 46'$	
Jan.	1	17.903	184	61.87	228	14.605	263	41.62	84	20.400	204	47.35	77	12.81	23	63.85	363
	11	18.087	218	59.59	219	14.868	306	40.78	66	20.604	237	48.12	81	13.04	33	60.22	339
	21	18.305	244	57.40	200	15.174	340	40.12	49	20.841	263	48.93	80	13.37	42	56.83	305
	31	18.549	266	55.40	176	15.514	366	39.63	31	21.104	283	49.73	76	13.79	51	53.78	259
Febr.	10	18.815	280	53.64	143	15.880	384	39.32	13	21.387	295	50.49	68	14.30	58	51.19	204
	20	19.095	288	52.21	105	16.264	393	39.19	3	21.682	302	51.17	57	14.88	61	49.15	142
März	1	19.383	291	51.16	64	16.657	397	39.22	19	21.984	305	51.74	43	15.49	65	47.73	75
	11	19.674	289	50.52	22	17.054	395	39.41	33	22.289	303	52.17	29	16.14	65	46.98	7
	21	19.963	283	50.30	21	17.449	388	39.74	46	22.592	297	52.46	13	16.79	63	46.91	59
	31	20.246	273	50.51	60	17.837	375	40.20	59	22.889	288	52.59	1	17.42	59	47.50	122
Apr.	10	20.519	258	51.11	96	18.212	358	40.79	72	23.177	275	52.58	15	18.01	55	48.72	180
	20	20.777	241	52.07	128	18.570	336	41.51	83	23.452	259	52.43	24	18.56	48	50.52	230
	30	21.018	219	53.35	152	18.906	309	42.34	94	23.711	239	52.19	32	19.04	40	52.82	270
Mai	10	21.237	193	54.87	171	19.215	277	43.28	104	23.950	215	51.87	37	19.44	31	55.52	300
	20	21.430	164	56.58	183	19.492	239	44.32	113	24.165	187	51.50	39	19.75	21	58.52	320
	30	21.594	132	58.41	188	19.731	196	45.45	121	24.352	155	51.11	38	19.96	12	61.72	331
Juni	9	21.726	96	60.29	187	19.927	149	46.66	125	24.507	120	50.73	36	20.08	1	65.03	331
	18	14 21.822	59	62.16	181	15 20.076	99	47.91	128	15 24.627	82	50.37	32	16 20.09	9	68.34	321
	28	21.881	20	63.97	170	20.175	45	49.19	126	24.709	42	50.05	27	20.00	20	71.55	304
Juli	8	21.901	20	65.67	155	20.220	8	50.45	122	24.751	0	49.78	22	19.80	28	74.59	278
	18	21.881	58	67.22	135	20.212	61	51.67	112	24.751	40	49.56	17	19.52	38	77.37	246
	28	21.823	94	68.57	115	20.151	111	52.79	100	24.711	78	49.39	12	19.14	45	79.83	208
Aug.	7	21.729	126	69.72	90	20.040	155	53.79	83	24.633	113	49.27	8	18.69	52	81.91	165
	17	21.603	153	70.62	65	19.885	193	54.62	62	24.520	142	49.19	5	18.17	58	83.56	119
	27	21.450	173	71.27	38	19.692	221	55.24	40	24.378	163	49.14	2	17.59	61	84.75	69
Sept.	6	21.277	185	71.65	11	19.471	237	55.64	14	24.215	176	49.12	1	16.98	64	85.44	18
	16	21.092	188	71.76	18	19.234	241	55.78	12	24.039	181	49.11	2	16.34	64	85.62	35
	26	20.904	181	71.58	47	18.993	232	55.66	38	23.858	173	49.13	3	15.70	64	85.27	89
Okt.	6	20.723	165	71.11	75	18.761	209	55.28	62	23.685	156	49.16	7	15.06	60	84.38	140
	16	20.558	140	70.36	104	18.552	174	54.66	82	23.529	129	49.23	12	14.46	55	82.98	190
	26	20.418	106	69.32	132	18.378	127	53.84	100	23.400	93	49.35	18	13.91	49	81.08	238
Nov.	5	20.312	66	68.00	159	18.251	71	52.84	112	23.307	51	49.53	25	13.42	40	78.70	280
	15	20.246	21	66.41	183	18.180	10	51.72	117	23.256	4	49.78	36	13.02	32	75.90	317
	25	20.225	27	64.58	203	18.170	55	50.55	119	23.252	46	50.14	46	12.70	20	72.73	346
Dez.	5	20.252	74	62.55	219	18.225	119	49.36	114	23.298	95	50.60	56	12.50	8	69.27	366
	15	20.326	121	60.36	229	18.344	180	48.22	105	23.393	141	51.16	67	12.42	3	65.61	374
	25	20.447	163	58.07	232	18.524	236	47.17	92	23.534	185	51.83	74	12.45	15	61.87	372
	35	20.610		55.75		18.760		46.25		23.719		52.57		12.60		58.15	
Mittl. Ort		19.992		57.68		17.492		51.16		22.659		54.20		16.47		62.52	
sec δ, tg δ		1.025		+0.223		1.367		−0.931		1.037		−0.275		2.763		+2.576	
a, *a'*		+2.8		−2.4		+4.3		−2.3		+3.4		−2.2		−0.4		−2.0	
b, *b'*		0.00		+0.99		+0.01		+0.99		0.00		+0.99		−0.02		+1.00	

Tag		663) ι Herculis				661) η Pavonis				665) β Ophiuchi				670) ψ Draconis pr			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944		$17^h\ 37^m$		$+46°\ 1'$		$17^h\ 40^m$		$-64°\ 41'$		$17^h\ 40^m$		$+4°\ 35'$		$17^h\ 42^m$		$+72°\ 10'$	
		s		"		s		"		s		"		s		"	
Jan.	1	50.521	178	68.81	344	9.36	38	48.77	199	40.145	181	25.73	186	51.57	22	38.44	364
	11	50.699	230	65.37	323	9.74	46	46.78	176	40.326	213	23.87	180	51.79	36	34.80	342
	21	50.929	276	62.14	292	10.20	53	45.02	147	40.539	241	22.07	167	52.15	47	31.38	309
	31	51.205	312	59.22	250	10.73	58	43.55	115	40.780	260	20.40	148	52.62	57	28.29	264
Febr.	10	51.517	340	56.72	199	11.31	62	42.40	81	41.040	275	18.92	122	53.19	65	25.65	210
	20	51.857	360	54.73	141	11.93	64	41.59	47	41.315	284	17.70	92	53.84	72	23.55	149
März	1	52.217	369	53.32	79	12.57	65	41.12	11	41.599	288	16.78	58	54.56	74	22.06	83
	11	52.586	369	52.53	14	13.22	65	41.01	23	41.887	287	16.20	23	55.30	76	21.23	16
	21	52.955	361	52.39	48	13.87	64	41.24	55	42.174	283	15.97	12	56.06	74	21.07	51
	31	53.316	346	52.87	108	14.51	62	41.79	88	42.457	274	16.09	45	56.80	70	21.58	114
Apr.	10	53.662	322	53.95	163	15.13	59	42.67	118	42.731	262	16.54	75	57.50	64	22.72	172
	20	53.984	293	55.58	210	15.72	55	43.85	146	42.993	246	17.29	102	58.14	56	24.44	223
	30	54.277	257	57.68	249	16.27	51	45.31	171	43.239	227	18.31	122	58.70	47	26.67	264
Mai	10	54.534	215	60.17	278	16.78	44	47.02	193	43.466	202	19.53	137	59.17	36	29.31	295
	20	54.749	170	62.95	297	17.22	38	48.95	212	43.668	176	20.90	148	59.53	25	32.26	316
	30	54.919	120	65.92	308	17.60	30	51.07	225	43.844	144	22.38	151	59.78	13	35.42	328
Juni	9	16 55.039	69	69.00	308	16 17.90	22	53.32	233	17 43.988	109	23.89	151	17 59.91	1	38.70	329
	18	55.108	15	72.08	300	18.12	14	55.65	236	44.097	73	25.40	145	59.92	12	41.99	321
	28	55.123	38	75.08	284	18.26	4	58.01	234	44.170	34	26.85	135	59.80	23	45.20	304
Juli	8	55.085	90	77.92	261	18.30	5	60.35	223	44.204	5	28.20	123	59.57	35	48.24	280
	18	54.995	140	80.53	231	18.25	14	62.58	206	44.199	44	29.43	108	59.22	45	51.04	249
	28	54.855	186	82.84	197	18.11	22	64.64	183	44.155	81	30.51	91	58.77	54	53.53	212
Aug.	7	54.669	226	84.81	157	17.89	29	66.47	154	44.074	114	31.42	73	58.23	62	55.65	170
	17	54.443	259	86.38	114	17.60	36	68.01	118	43.960	141	32.15	53	57.61	69	57.35	124
	27	54.184	284	87.52	68	17.24	40	69.19	79	43.819	163	32.68	32	56.92	74	58.59	75
Sept.	6	53.900	299	88.20	20	16.84	43	69.98	36	43.656	177	33.00	12	56.18	76	59.34	24
	16	53.601	303	88.40	28	16.41	44	70.34	9	43.479	181	33.12	10	55.42	78	59.58	29
	26	53.298	297	88.12	78	15.97	43	70.25	55	43.298	175	33.02	31	54.64	76	59.29	81
Okt.	6	53.001	278	87.34	126	15.54	39	69.70	99	43.123	161	32.71	54	53.88	73	58.48	133
	16	52.723	249	86.08	174	15.15	34	68.71	138	42.962	136	32.17	75	53.15	68	57.15	184
	26	52.474	209	84.34	218	14.81	26	67.33	172	42.826	103	31.42	98	52.47	60	55.31	232
Nov.	5	52.265	160	82.16	259	14.55	18	65.61	200	42.723	65	30.44	120	51.87	51	52.99	275
	15	52.105	104	79.57	295	14.37	8	63.61	219	42.658	20	29.24	140	51.36	40	50.24	312
	25	52.001	44	76.62	323	14.29	3	61.42	229	42.638	27	27.84	158	50.96	28	47.12	343
Dez.	5	51.957	20	73.39	343	14.32	14	59.13	232	42.665	73	26.26	173	50.68	14	43.69	363
	15	51.977	83	69.96	353	14.46	24	56.81	225	42.738	118	24.53	183	50.54	1	40.06	373
	25	52.060	143	66.43	351	14.70	34	54.56	211	42.856	160	22.70	187	50.53	14	36.33	372
	35	52.203		62.92		15.04		52.45		43.016		20.83		50.67		32.61	
Mittl. Ort		52.910		66.82		13.93		59.30		42.261		20.90		55.71		36.79	
sec δ, tg δ		1.441		+1.037		2.340		−2.116		1.003		+0.080		3.267		+3.110	
a, a′		+1.7		−1.9		+5.9		−1.7		+3.0		−1.7		−1.1		−1.5	
b, b′		−0.01		+1.00		+0.01		+1.00		0.00		+1.00		−0.02		+1.00	

Tag	667) μ Herculis¹)				675) 35 Draconis				671) ξ Draconis				672) ϑ Herculis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	$17^h\ 44^m$		$+27°\ 44'$		$17^h\ 51^m$		$+76°\ 58'$		$17^h\ 52^m$		$+56°\ 52'$		$17^h\ 54^m$		$+37°\ 15'$	
	s		″		s		″		s		″		s		″	
Jan. 1	13.748	168	71.33	292	51.82	22	20.11	360	30.754	163	53.38	361	17.606	154	27.54	322
11	13.916	207	68.41	278	52.04	40	16.51	341	30.917	233	49.77	343	17.760	201	24.32	308
21	14.123	241	65.63	254	52.44	57	13.10	309	31.150	296	46.34	312	17.961	240	21.24	281
31	14.364	267	63.09	220	53.01	72	10.01	268	31.446	351	43.22	271	18.201	274	18.43	245
Febr. 10	14.631	287	60.89	178	53.73	84	7.33	216	31.797	393	40.51	219	18.475	298	15.98	199
20	14.918	300	59.11	130	54.57	92	5.17	157	32.190	424	38.32	159	18.773	317	13.99	147
März 1	15.218	306	57.81	77	55.49	99	3.60	92	32.614	443	36.73	95	19.090	328	12.52	89
11	15.524	306	57.04	23	56.48	100	2.68	26	33.057	450	35.78	29	19.418	331	11.63	30
21	15.830	302	56.81	$\overline{30}$	57.48	98	2.42	$\overline{41}$	33.507	444	35.49	$\overline{38}$	19.749	328	11.33	$\overline{30}$
31	16.132	291	57.11	82	58.46	95	2.83	104	33.951	428	35.87	101	20.077	319	11.63	87
Apr. 10	16.423	277	57.93	129	59.41	86	3.87	162	34.379	400	36.88	160	20.396	302	12.50	140
20	16.700	256	59.22	169	60.27	76	5.49	214	34.779	362	38.48	212	20.698	281	13.90	185
30	16.956	231	60.91	202	61.03	63	7.63	255	35.141	317	40.60	254	20.979	253	15.75	224
Mai 10	17.187	202	62.93	228	61.66	49	10.18	289	35.458	264	43.14	287	21.232	221	17.99	254
20	17.389	170	65.21	244	62.15	34	13.07	312	35.722	205	46.01	312	21.453	184	20.53	275
30	17.559	133	67.65	254	62.49	17	16.19	325	35.927	141	49.13	325	21.637	142	23.28	287
Juni 9	17.692	93	70.19	254	62.66	1	19.44	328	36.068	74	52.38	328	21.779	97	26.15	290
18*)	[17] 17.785	51	72.73	248	[19] 62.67	$\overline{16}$	22.72	322	[20] 36.142	6	55.66	323	[20] 21.876	52	29.05	285
28	17.836	8	75.21	234	62.51	33	25.94	308	36.148	$\overline{63}$	58.89	308	21.928	3	31.90	272
Juli 8	17.844	$\overline{34}$	77.55	216	62.18	48	29.02	285	36.085	129	61.97	287	21.931	$\overline{45}$	34.62	252
18	17.810	77	79.71	191	61.70	62	31.87	256	35.956	192	64.84	257	21.886	91	37.14	227
28	17.733	116	81.62	163	61.08	75	34.43	221	35.764	250	67.41	223	21.795	134	39.41	196
Aug. 7	17.617	150	83.25	131	60.33	85	36.64	180	35.514	301	69.64	183	21.661	173	41.37	161
17	17.467	180	84.56	95	59.48	95	38.44	136	35.213	344	71.47	138	21.488	206	42.98	123
27	17.287	202	85.51	59	58.53	102	39.80	89	34.869	376	72.85	90	21.282	232	44.21	81
Sept. 6	17.085	216	86.10	21	57.51	105	40.69	38	34.493	398	73.75	41	21.050	249	45.02	37
16	16.869	221	86.31	$\overline{20}$	56.46	108	41.07	$\overline{13}$	34.095	406	74.16	$\overline{11}$	20.801	255	45.39	$\overline{8}$
26	16.648	216	86.11	59	55.38	107	40.94	65	33.689	402	74.05	63	20.546	253	45.31	53
Okt. 6	16.432	201	85.52	99	54.31	103	40.29	117	33.287	384	73.42	116	20.293	238	44.78	99
16	16.231	176	84.53	139	53.28	96	39.12	168	32.903	353	72.26	166	20.055	214	43.79	143
26	16.055	143	83.14	175	52.32	87	37.44	216	32.550	309	70.60	214	19.841	181	42.36	186
Nov. 5	15.912	102	81.39	210	51.45	76	35.28	260	32.241	253	68.46	260	19.660	139	40.50	226
15	15.810	55	79.29	241	50.69	61	32.68	299	31.988	189	65.86	298	19.521	90	38.24	261
25	15.755	5	76.88	267	50.08	46	29.69	330	31.799	117	62.88	330	19.431	37	35.63	290
Dez. 5	15.750	$\overline{45}$	74.21	286	49.62	27	26.39	353	31.682	40	59.58	354	19.394	$\overline{17}$	32.73	312
15	15.795	96	71.35	296	49.35	9	22.86	365	31.642	$\overline{39}$	56.04	366	19.411	72	29.61	325
25	15.891	143	68.39	298	49.26	$\overline{10}$	19.21	367	31.681	117	52.38	368	19.483	126	26.36	327
35	16.034		65.41		49.36		15.54		31.798		48.70		19.609		23.09	
Mittl. Ort	15.889		68.26		57.09		17.89		33.494		51.04		19.841		24.59	
sec δ, tg δ	1.130		+0.526		4.436		+4.322		1.830		+1.533		1.256		+0.761	
a, a′	+2.4		−1.4		−2.7		−0.7		+1.0		−0.7		+2.1		−0.5	
b, b′	0.00		+1.00		−0.01		+1.00		0.00		+1.00		0.00		+1.00	

¹) Die jährliche Parallaxe (0″.109) ist bereits berücksichtigt.

*) Bei Stern 675), 671) und 672) lies Juni 19.

Tag	676) γ Draconis				673) ν Ophiuchi				677) 67 Ophiuchi				679) γ Sagittarii			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	17h 55m		+51° 29′		17h 55m		−9° 45′		17h 57m		+2° 55′		18h 2m		−30° 25′	
Jan. 1	15.692	155	43.67	355	54.281	178	60.91	102	48.171	166	62.33	173	9.967	200	29.49	27
11	15.847	216	40.12	337	54.459	213	61.93	101	48.337	200	60.60	168	10.167	239	29.22	18
21	16.063	270	36.75	309	54.672	239	62.94	98	48.537	228	58.92	157	10.406	271	29.04	12
31	16.333	317	33.66	268	54.911	262	63.92	88	48.765	250	57.35	140	10.677	296	28.92	5
Febr. 10	16.650	353	30.98	218	55.173	277	64.80	76	49.015	267	55.95	116	10.973	315	28.87	1
20	17.003	380	28.80	160	55.450	288	65.56	59	49.282	278	54.79	87	11.288	328	28.86	3
März 1	17.383	396	27.20	97	55.738	293	66.15	39	49.560	285	53.92	56	11.616	335	28.89	4
11	17.779	403	26.23	32	56.031	296	66.54	18	49.845	287	53.36	23	11.951	338	28.93	5
21	18.182	399	25.91	34	56.327	293	66.72	2	50.132	285	53.13	11	12.289	338	28.98	6
31	18.581	385	26.25	96	56.620	288	66.70	-22	50.417	280	53.24	43	12.627	331	29.04	8
Apr. 10	18.966	362	27.21	154	56.908	278	66.48	40	50.697	270	53.67	73	12.958	322	29.12	9
20	19.328	332	28.75	205	57.186	264	66.08	55	50.967	256	54.40	97	13.280	309	29.21	13
30	19.660	293	30.80	247	57.450	247	65.53	66	51.223	239	55.37	118	13.589	289	29.34	17
Mai 10	19.953	248	33.27	280	57.697	226	64.87	74	51.462	217	56.55	133	13.878	265	29.51	23
20	20.201	199	36.07	304	57.923	200	64.13	77	51.679	191	57.88	143	14.143	237	29.74	29
30	20.400	143	39.11	317	58.123	169	63.36	78	51.870	160	59.31	146	14.380	202	30.03	37
Juni 9	20.543	85	42.28	322	58.292	135	62.58	75	52.030	127	60.77	146	14.582	164	30.40	44
19	[20] 20.628	25	45.50	317	[20] 58.427	98	61.83	70	[21] 52.157	89	62.23	141	[22] 14.746	121	30.84	50
28	20.653	35	48.67	303	58.525	58	61.13	62	52.246	51	63.64	133	14.867	75	31.34	55
Juli 8	20.618	95	51.70	282	58.583	17	60.51	54	52.297	10	64.97	120	14.942	28	31.89	59
18	20.523	151	54.52	254	58.600	24	59.97	45	52.307	30	66.17	105	14.970	20	32.48	59
28	20.372	204	57.06	221	58.576	64	59.52	35	52.277	68	67.22	89	14.950	65	33.07	58
Aug. 7	20.168	250	59.27	181	58.512	100	59.17	26	52.209	103	68.11	72	14.885	107	33.65	54
17	19.918	290	61.08	138	58.412	130	58.91	18	52.106	134	68.83	53	14.778	144	34.19	46
27	19.628	320	62.46	92	58.282	155	58.73	8	51.972	157	69.36	33	14.634	173	34.65	37
Sept. 6	19.308	340	63.38	44	58.127	171	58.65	1	51.815	173	69.69	15	14.461	193	35.02	25
16	18.968	348	63.82	7	57.956	178	58.64	6	51.642	180	69.84	6	14.268	202	35.27	11
26	18.620	345	63.75	58	57.778	175	58.70	15	51.462	177	69.78	26	14.066	199	35.38	2
Okt. 6	18.275	329	63.17	110	57.603	162	58.85	22	51.285	165	69.52	46	13.867	186	35.36	15
16	17.946	301	62.07	159	57.441	138	59.07	32	51.120	143	69.06	67	13.681	160	35.21	26
26	17.645	262	60.48	207	57.303	107	59.39	42	50.977	113	68.39	87	13.521	124	34.95	36
Nov. 5	17.383	213	58.41	251	57.196	68	59.81	52	50.864	76	67.52	108	13.397	81	34.59	43
15	17.170	154	55.90	289	57.128	24	60.33	64	50.788	33	66.44	127	13.316	31	34.16	45
25	17.016	90	53.01	322	57.104	22	60.97	75	50.755	12	65.17	144	13.285	22	33.71	46
Dez. 5	16.926	23	49.79	345	57.126	70	61.72	85	50.767	59	63.73	158	13.307	76	33.25	43
15	16.903	47	46.34	358	57.196	116	62.57	94	50.826	103	62.15	169	13.383	128	32.82	37
25	16.950	116	42.76	361	57.312	158	63.51	101	50.929	145	60.46	174	13.511	176	32.45	30
35	17.066		39.15		57.470		64.52		51.074		58.72		13.687		32.15	
Mittl. Ort	18.225		41.10		56.515		66.43		50.312		57.66		12.553		35.97	
sec δ, tg δ	1.606		+1.257		1.015		−0.172		1.001		+0.051		1.160		−0.587	
a, *a′*	+1.4		−0.4		+3.3		−0.4		+3.0		−0.2		+3.9		+0.2	
b, *b′*	0.00		+1.00		0.00		+1.00		0.00		+1.00		0.00		+1.00	

Tag	680) 72 Ophiuchi AR.		680) 72 Ophiuchi Dekl.		681) o Herculis AR.		681) o Herculis Dekl.		682) μ Sagittarii AR.		682) μ Sagittarii Dekl.		685) 36 Draconis AR.		685) 36 Draconis Dekl.	
1944	$18^h\ 4^m$		$+9°\ 33'$		$18^h\ 5^m$		$+28°\ 45'$		$18^h\ 10^m$		$-21°\ 4'$		$18^h\ 13^m$		$+64°\ 22'$	
	s		″		s		″		s		″		s		″	
Jan. 1	39.473	155	20.17	206	19.223	144	16.35	293	22.384	177	25.68	27	31.21	12	44.50	367
11	39.628	190	18.11	200	19.367	186	13.42	282	22.561	214	25.95	30	31.33	22	40.83	354
21	39.818	219	16.11	186	19.553	221	10.60	259	22.775	245	26.25	32	31.55	30	37.29	327
31	40.037	244	14.25	164	19.774	252	8.01	229	23.020	268	26.57	30	31.85	38	34.02	290
Febr. 10	40.281	262	12.61	136	20.026	274	5.72	188	23.288	287	26.87	27	32.23	45	31.12	241
20	40.543	275	11.25	102	20.300	292	3.84	141	23.575	300	27.14	21	32.68	50	28.71	184
März 1	40.818	283	10.23	65	20.592	303	2.43	89	23.875	308	27.35	13	33.18	52	26.87	121
11	41.101	287	9.58	25	20.895	307	1.54	35	24.183	312	27.48	4	33.70	55	25.66	54
21	41.388	286	9.33	14	21.202	307	1.19	20	24.495	313	27.52	5	34.25	55	25.12	13
31	41.674	281	9.47	53	21.509	301	1.39	72	24.808	309	27.47	14	34.80	54	25.25	79
Apr. 10	41.955	272	10.00	87	21.810	290	2.11	121	25.117	302	27.33	20	35.34	50	26.04	140
20	42.227	259	10.87	118	22.100	272	3.32	164	25.419	289	27.13	25	35.84	46	27.44	195
30	42.486	241	12.05	143	22.372	250	4.96	200	25.708	274	26.88	27	36.30	41	29.39	242
Mai 10	42.727	219	13.48	162	22.622	223	6.96	229	25.982	252	26.61	27	36.71	34	31.81	280
20	42.946	193	15.10	175	22.845	191	9.25	249	26.234	226	26.34	25	37.05	27	34.61	308
30	43.139	162	16.85	181	23.036	156	11.74	261	26.460	196	26.09	21	37.32	19	37.69	327
Juni 9	43.301	128	18.66	182	23.192	116	14.35	264	26.656	160	25.88	14	37.51	11	40.96	335
19	[23] 43.429	91	20.48	177	[23] 23.308	73	16.99	261	[24] 26.816	121	25.74	8	[25] 37.62	2	44.31	334
28	43.520	50	22.25	168	23.381	29	19.60	250	26.937	78	25.66	1	37.64	7	47.65	324
Juli 8	43.570	10	23.93	155	23.410	15	22.10	232	27.015	34	25.65	5	37.57	16	50.89	306
18	43.580	31	25.48	137	23.395	59	24.42	211	27.049	10	25.70	12	37.41	24	53.95	281
28	43.549	69	26.85	118	23.336	102	26.53	183	27.039	53	25.82	15	37.17	31	56.76	249
Aug. 7	43.480	105	28.03	96	23.234	139	28.36	152	26.986	93	25.97	19	36.86	37	59.25	210
17	43.375	137	28.99	73	23.095	171	29.88	118	26.893	128	26.16	19	36.49	44	61.35	168
27	43.238	161	29.72	49	22.924	198	31.06	81	26.765	156	26.35	19	36.05	48	63.03	122
Sept. 6	43.077	177	30.21	23	22.726	215	31.87	43	26.609	176	26.54	16	35.57	51	64.25	72
16	42.900	186	30.44	2	22.511	224	32.30	2	26.433	186	26.70	12	35.06	53	64.97	20
26	42.714	184	30.42	28	22.287	222	32.32	38	26.247	185	26.82	9	34.53	53	65.17	33
Okt. 6	42.530	173	30.14	54	22.065	211	31.94	79	26.062	173	26.91	5	34.00	52	64.84	86
16	42.357	152	29.60	81	21.854	190	31.15	120	25.889	151	26.96	2	33.48	49	63.98	140
26	42.205	123	28.79	107	21.664	160	29.95	158	25.738	120	26.98	1	32.99	43	62.58	191
Nov. 5	42.082	87	27.72	132	21.504	121	28.37	195	25.618	80	26.99	1	32.56	38	60.67	238
15	41.995	45	26.40	154	21.383	78	26.42	228	25.538	35	27.00	4	32.18	31	58.29	281
25	41.950	1	24.86	175	21.305	30	24.14	257	25.503	14	27.04	7	31.87	22	55.48	318
Dez. 5	41.949	46	23.11	192	21.275	21	21.57	278	25.517	63	27.11	13	31.65	13	52.30	346
15	41.995	91	21.19	202	21.296	70	18.79	291	25.580	111	27.24	19	31.52	4	48.84	364
25	42.086	133	19.17	208	21.366	119	15.88	296	25.691	155	27.43	25	31.48	7	45.20	370
35	42.219		17.09		21.485		12.92		25.846		27.68		31.55		41.50	
Mittl. Ort	41.594		15.93		21.377		12.84		24.792		31.16		34.37		41.08	
sec δ, tg δ	1.014		+0.168		1.141		+0.549		1.072		−0.385		2.313		+2.085	
a, *a′*	+2.8		+0.4		+2.3		+0.5		+3.6		+0.9		+0.3		+1.2	
b, *b′*	0.00		+1.00		0.00		+1.00		0.00		+1.00		+0.01		+1.00	

Tag		688) η Serpentis AR.		688) η Serpentis Dekl.		689) ε Sagittarii AR.		689) ε Sagittarii Dekl.	
1944		18h 18m		−2° 54′		18h 20m		−34° 24′	
Jan.	1	22.443	150	49.34	136	24.577	187	41.65	59
	11	22.593	185	50.70	134	24.764	229	41.06	53
	21	22.778	214	52.04	125	24.993	265	40.53	45
	31	22.992	239	53.29	112	25.258	294	40.08	39
Febr.	10	23.231	257	54.41	94	25.552	316	39.69	31
	20	23.488	271	55.35	71	25.868	333	39.38	26
März	1	23.759	281	56.06	45	26.201	344	39.12	21
	11	24.040	286	56.51	17	26.545	350	38.91	15
	21	24.326	288	56.68	10	26.895	353	38.76	10
	31	24.614	285	56.58	37	27.248	350	38.66	5
Apr.	10	24.899	279	56.21	62	27.598	343	38.61	1
	20	25.178	269	55.59	82	27.941	332	38.62	10
	30	25.447	254	54.77	99	28.273	314	38.72	18
Mai	10	25.701	234	53.78	111	28.587	292	38.90	27
	20	25.935	211	52.67	118	28.879	263	39.17	38
	30	26.146	181	51.49	120	29.142	228	39.55	49
Juni	9	26.327	149	50.29	119	29.370	190	40.04	59
	19	[26] 26.476	112	49.10	114	[27] 29.560	145	40.63	68
	28	26.588	72	47.96	105	29.705	97	41.31	75
Juli	8	26.660	31	46.91	94	29.802	48	42.06	80
	18	26.691	11	45.97	81	29.850	3	42.86	82
	28	26.680	51	45.16	67	29.847	53	43.68	81
Aug.	7	26.629	88	44.49	52	29.794	99	44.49	76
	17	26.541	121	43.97	38	29.695	139	45.25	67
	27	26.420	148	43.59	23	29.556	173	45.92	56
Sept.	6	26.272	167	43.36	8	29.383	197	46.48	42
	16	26.105	178	43.28	6	29.186	210	46.90	25
	26	25.927	178	43.34	21	28.976	211	47.15	7
Okt.	6	25.749	169	43.55	36	28.765	200	47.22	10
	16	25.580	149	43.91	50	28.565	177	47.12	27
	26	25.431	122	44.41	65	28.388	144	46.85	42
Nov.	5	25.309	87	45.06	81	28.244	101	46.43	54
	15	25.222	47	45.87	96	28.143	51	45.89	62
	25	25.175	2	46.83	109	28.092	2	45.27	68
Dez.	5	25.173	43	47.92	121	28.094	57	44.59	68
	15	25.216	87	49.13	130	28.151	111	43.91	67
	25	25.303	129	50.43	136	28.262	162	43.24	62
	35	25.432		51.79		28.424		42.62	
Mittl. Ort		24.636		53.78		27.304		47.01	
sec δ, tg δ		1.001		−0.051		1.212		−0.685	
a, *a′*		+3.1		+1.6		+4.0		+1.8	
b, *b′*		0.00		+1.00		0.00		+1.00	

Tag		690) 109 Herculis AR.		690) 109 Herculis Dekl.		695) χ Draconis[1]) AR.		695) χ Draconis[1]) Dekl.	
1944		18h 21m		+21° 44′		18h 21m		+72° 42′	
Jan.	1	16.483	132	38.58	263	59.86	10	36.73	366
	11	16.615	170	35.95	254	59.96	25	33.07	355
	21	16.785	205	33.41	237	60.21	37	29.52	331
	31	16.990	233	31.04	210	60.58	50	26.21	296
Febr.	10	17.223	257	28.94	176	61.08	59	23.25	249
	20	17.480	274	27.18	134	61.67	68	20.76	193
März	1	17.754	287	25.84	88	62.35	73	18.83	131
	11	18.041	294	24.96	39	63.08	76	17.52	65
	21	18.335	296	24.57	10	63.84	77	16.87	2
	31	18.631	294	24.67	59	64.61	76	16.89	67
Apr.	10	18.925	286	25.26	104	65.37	71	17.56	129
	20	19.211	273	26.30	144	66.08	65	18.85	185
	30	19.484	255	27.74	177	66.73	57	20.70	233
Mai	10	19.739	233	29.51	205	67.30	47	23.03	273
	20	19.972	205	31.56	223	67.77	36	25.76	302
	30	20.177	172	33.79	236	68.13	25	28.78	322
Juni	9	20.349	136	36.15	240	68.38	12	32.00	333
	19	[27] 20.485	96	38.55	237	[27] 68.50	1	35.33	334
	28	20.581	55	40.92	228	68.49	14	38.67	326
Juli	8	20.636	11	43.20	213	68.35	25	41.93	309
	18	20.647	33	45.33	194	68.10	37	45.02	285
	28	20.614	74	47.27	171	67.73	48	47.87	255
Aug.	7	20.540	112	48.98	143	67.25	58	50.42	219
	17	20.428	146	50.41	112	66.67	66	52.61	177
	27	20.282	174	51.53	81	66.01	72	54.38	131
Sept.	6	20.108	193	52.34	47	65.29	77	55.69	83
	16	19.915	204	52.81	11	64.52	79	56.52	32
	26	19.711	205	52.92	24	63.73	80	56.84	21
Okt.	6	19.506	196	52.68	60	62.93	79	56.63	75
	16	19.310	178	52.08	96	62.14	75	55.88	128
	26	19.132	151	51.12	132	61.39	69	54.60	179
Nov.	5	18.981	117	49.80	164	60.70	61	52.81	228
	15	18.864	76	48.16	195	60.09	51	50.53	272
	25	18.788	31	46.21	222	59.58	40	47.81	309
Dez.	5	18.757	15	43.99	243	59.18	26	44.72	339
	15	18.772	62	41.56	257	58.92	13	41.33	360
	25	18.834	108	38.99	264	58.79	1	37.73	367
	35	18.942		36.35		58.80		34.06	
Mittl. Ort		18.605		34.71		63.98		32.84	
sec δ, tg δ		1.077		+0.399		3.364		+3.212	
a, *a′*		+2.5		+1.9		−1.2		+1.9	
b, *b′*		0.00		+1.00		+0.02		+1.00	

[1]) Die jährliche Parallaxe (0″.119) ist bereits berücksichtigt.

Scheinbare Sternörter 1944

Tag	691) α Telescopii				699) α Lyrae[1])				698) ζ Pavonis				703) 110 Herculis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	18h 22m		−45° 59′		18h 35m		+38° 43′		18h 36m		−71° 28′		18h 43m		+20° 29′	
	s		"		s		"		s		"		s		"	
Jan. 1	46.080	210	59.14	130	0.244	106	53.55	322	23.91	33	41.76	264	12.901	109	33.02	252
11	46.290	261	57.84	120	0.350	155	50.33	313	24.24	45	39.12	251	13.010	148	30.50	247
21	46.551	304	56.64	107	0.505	200	47.20	294	24.69	56	36.61	231	13.158	184	28.03	232
31	46.855	340	55.57	93	0.705	239	44.26	263	25.25	64	34.30	206	13.342	213	25.71	208
Febr. 10	47.195	367	54.64	78	0.944	271	41.63	222	25.89	72	32.24	175	13.555	240	23.63	176
20	47.562	388	53.86	62	1.215	297	39.41	174	26.61	78	30.49	142	13.795	260	21.87	138
März 1	47.950	403	53.24	45	1.512	317	37.67	119	27.39	81	29.07	105	14.055	276	20.49	94
11	48.353	411	52.79	29	1.829	330	36.48	59	28.20	85	28.02	68	14.331	287	19.55	46
21	48.764	414	52.50	12	2.159	335	35.89	0	29.05	86	27.34	30	14.618	293	19.09	$\overline{2}$
31	49.178	412	52.38	$\overline{5}$	2.494	333	35.89	59	29.91	85	27.04	$\overline{9}$	14.911	295	19.11	49
Apr. 10	49.590	402	52.43	23	2.827	325	36.48	116	30.76	84	27.13	48	15.206	290	19.60	95
20	49.992	389	52.66	41	3.152	309	37.64	166	31.60	80	27.61	86	15.496	282	20.55	135
30	50.381	368	53.07	58	3.461	288	39.30	209	32.40	76	28.47	121	15.778	267	21.90	169
Mai 10	50.749	340	53.65	76	3.749	260	41.39	245	33.16	70	29.68	155	16.045	248	23.59	198
20	51.089	307	54.41	93	4.009	225	43.84	273	33.86	61	31.23	186	16.293	222	25.57	218
30	51.396	265	55.34	108	4.234	185	46.57	291	34.47	53	33.09	212	16.515	192	27.75	232
Juni 9	51.661	219	56.42	122	4.419	142	49.48	300	35.00	43	35.21	234	16.707	156	30.07	238
19	51.880	166	57.64	132	4.561	94	52.48	301	35.43	31	37.55	249	16.863	118	32.45	237
28*)	[27] 52.046	110	58.96	140	4.655	45	55.49	294	35.74	19	40.04	258	16.981	76	34.82	230
Juli 8	52.156	51	60.36	142	[30] 4.700	$\overline{6}$	58.43	280	[1] 35.93	7	42.62	260	[2] 17.057	33	37.12	217
18	52.207	$\overline{9}$	61.78	141	4.694	57	61.23	258	36.00	$\overline{6}$	45.22	254	17.090	$\overline{12}$	39.29	199
28	52.198	67	63.19	135	4.637	105	63.81	232	35.94	18	47.76	240	17.078	54	41.28	178
Aug. 7	52.131	121	64.54	123	4.532	149	66.13	199	35.76	30	50.16	219	17.024	95	43.06	151
17	52.010	170	65.77	106	4.383	188	68.12	163	35.46	40	52.35	188	16.929	131	44.57	123
27	51.840	209	66.83	86	4.195	221	69.75	123	35.06	49	54.23	152	16.798	161	45.80	92
Sept. 6	51.631	237	67.69	61	3.974	244	70.98	81	34.57	55	55.75	110	16.637	184	46.72	59
16	51.394	254	68.30	34	3.730	258	71.79	36	34.02	59	56.85	62	16.453	197	47.31	26
26	51.140	255	68.64	4	3.472	263	72.15	$\overline{10}$	33.43	61	57.47	11	16.256	203	47.57	$\overline{9}$
Okt. 6	50.885	244	68.68	$\overline{25}$	3.209	255	72.05	57	32.82	59	57.58	$\overline{39}$	16.053	198	47.48	45
16	50.641	218	68.43	53	2.954	239	71.48	104	32.23	55	57.19	90	15.855	182	47.03	79
26	50.423	180	67.90	79	2.715	212	70.44	149	31.68	48	56.29	137	15.673	160	46.24	114
Nov. 5	50.243	130	67.11	101	2.503	175	68.95	192	31.20	39	54.92	178	15.513	128	45.10	148
15	50.113	73	66.10	118	2.328	133	67.03	231	30.81	28	53.14	214	15.385	91	43.62	177
25	50.040	10	64.92	130	2.195	84	64.72	266	30.53	15	51.00	241	15.294	48	41.85	205
Dez. 5	50.030	$\overline{55}$	63.62	136	2.111	31	62.06	294	30.38	1	48.59	259	15.246	4	39.80	228
15	50.085	119	62.26	137	2.080	$\overline{23}$	59.12	312	30.37	$\overline{13}$	46.00	267	15.242	$\overline{41}$	37.52	243
25	50.204	180	60.89	133	2.103	76	56.00	322	30.50	25	43.33	268	15.283	85	35.09	251
35	50.384		59.56		2.179		52.78		30.75		40.65		15.368		32.58	
Mittl. Ort	49.258		64.69		2.473		49.52		30.25		46.61		15.009		29.04	
sec δ, tg δ	1.440		−1.036		1.282		+0.802		3.148		−2.985		1.067		+0.374	
a, *a′*	+4.5		+2.0		+2.0		+3.1		+7.0		+3.2		+2.6		+3.8	
b, *b′*	−0.01		+1.00		+0.01		+0.99		−0.03		+0.99		+0.01		+0.98	

[1]) Die jährliche Parallaxe (0″.121) ist bereits berücksichtigt.

*) Bei Stern 699), 698) und 703) lies Juni 29.

Tag		704) λ Pavonis				705) β Lyrae				707) ο Draconis				706) σ Sagittarii			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944		$18^h\ 46^m$		$-62°\ 14'$		$18^h\ 47^m$		$+33°\ 17'$		$18^h\ 50^m$		$+59°\ 18'$		$18^h\ 51^m$		$-26°\ 21'$	
		s		″		s		″		s		″		s		″	
Jan.	1	57.47	23	72.45	228	58.490	93	51.85	303	19.737	54	75.12	360	45.055	141	62.15	22
	11	57.70	31	70.17	219	58.583	139	48.82	296	19.791	134	71.52	356	45.196	181	61.93	22
	21	58.01	38	67.98	204	58.722	180	45.86	281	19.925	209	67.96	338	45.377	216	61.71	20
	31	58.39	44	65.94	185	58.902	217	43.05	253	20.134	278	64.58	309	45.593	245	61.51	21
Febr.	10	58.83	49	64.09	162	59.119	248	40.52	217	20.412	339	61.49	269	45.838	270	61.30	24
	20	59.32	54	62.47	135	59.367	274	38.35	172	20.751	390	58.80	217	46.108	289	61.06	26
März	1	59.86	56	61.12	108	59.641	294	36.63	121	21.141	428	56.63	158	46.397	305	60.80	30
	11	60.42	59	60.04	77	59.935	308	35.42	65	21.569	456	55.05	96	46.702	316	60.50	34
	21	61.01	59	59.27	46	60.243	316	34.77	9	22.025	470	54.09	29	47.018	323	60.16	37
	31	61.60	60	58.81	14	60.559	318	34.68	48	22.495	472	53.80	37	47.341	327	59.79	40
Apr.	10	62.20	59	58.67	18	60.877	314	35.16	101	22.967	460	54.17	101	47.668	325	59.39	41
	20	62.79	58	58.85	51	61.191	302	36.17	150	23.427	437	55.18	159	47.993	320	58.98	40
	30	63.37	55	59.36	82	61.493	286	37.67	193	23.864	401	56.77	211	48.313	308	58.58	37
Mai	10	63.92	51	60.18	112	61.779	262	39.60	228	24.265	356	58.88	255	48.621	292	58.21	31
	20	64.43	46	61.30	140	62.041	233	41.88	255	24.621	302	61.43	290	48.913	269	57.90	23
	30	64.89	40	62.70	166	62.274	197	44.43	274	24.923	239	64.33	316	49.182	241	57.67	13
Juni	9	65.29	34	64.36	187	62.471	158	47.17	284	25.162	170	67.49	332	49.423	207	57.54	2
	19	65.63	26	66.23	205	62.629	114	50.01	287	25.332	99	70.81	338	49.630	167	57.52	9
	29	65.89	17	68.28	216	62.743	68	52.88	281	25.431	23	74.19	336	49.797	124	57.61	20
Juli	8	[3] 66.06	9	70.44	221	[4] 62.811	19	55.69	269	[4] 25.454	53	77.55	326	[5] 49.921	77	57.81	31
	18	66.15	1	72.65	220	62.830	29	58.38	250	25.401	126	80.81	306	49.998	29	58.12	39
	28	66.16	9	74.85	212	62.801	76	60.88	225	25.275	197	83.87	281	50.027	19	58.51	45
Aug.	7	66.07	17	76.97	197	62.725	119	63.13	196	25.078	261	86.68	248	50.008	65	58.96	49
	17	65.90	24	78.94	173	62.606	159	65.09	163	24.817	319	89.16	211	49.943	105	59.45	50
	27	65.66	30	80.67	144	62.447	191	66.72	126	24.498	366	91.27	168	49.838	141	59.95	48
Sept	6	65.36	36	82.11	109	62.256	217	67.98	87	24.132	404	92.95	122	49.697	169	60.43	43
	16	65.00	38	83.20	70	62.039	232	68.85	45	23.728	428	94.17	73	49.528	185	60.86	36
	26	64.62	40	83.90	26	61.807	239	69.30	2	23.300	440	94.90	20	49.343	193	61.22	27
Okt.	6	64.22	40	84.16	18	61.568	235	69.32	42	22.860	437	95.10	33	49.150	188	61.49	17
	16	63.82	36	83.98	62	61.333	221	68.90	85	22.423	421	94.77	87	48.962	173	61.66	7
	26	63.46	32	83.36	104	61.112	197	68.05	129	22.002	391	93.90	140	48.789	147	61.73	2
Nov.	5	63.14	26	82.32	141	60.915	165	66.76	170	21.611	347	92.50	192	48.642	113	61.71	10
	15	62.88	17	80.91	174	60.750	126	65.06	209	21.264	292	90.58	239	48.529	71	61.61	17
	25	62.71	10	79.17	199	60.624	81	62.97	242	20.972	227	88.19	281	48.458	25	61.44	20
Dez.	5	62.61	0	77.18	217	60.543	33	60.55	270	20.745	154	85.38	316	48.433	23	61.24	22
	15	62.61	9	75.01	226	60.510	16	57.85	290	20.591	77	82.22	342	48.456	72	61.02	23
	25	62.70	18	72.75	229	60.526	65	54.95	301	20.514	4	78.80	357	48.528	117	60.79	22
	35	62.88		70.46		60.591		51.94		20.518		75.23		48.645		60.57	
Mittl. Ort		62.02		75.97		60.648		47.51		22.482		69.89		47.602		65.14	
sec δ, tg δ		2.148		−1.901		1.196		+0.657		1.960		+1.685		1.116		−0.496	
a, *a′*		+5.6		+4.1		+2.2		+4.2		+0.9		+4.4		+3.7		+4.5	
b, *b′*		−0.03		+0.98		+0.01		+0.98		+0.02		+0.98		−0.01		+0.97	

Scheinbare Sternörter 1944

Tag		709) ϑ Serpentis *pr*				711) R Lyrae				708) λ Telescopii				713) γ Lyrae			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944		$18^h\ 53^m$		$+4°\ 7'$		$18^h\ 53^m$		$+43°\ 52'$		$18^h\ 53^m$		$-53°\ 0'$		$18^h\ 56^m$		$+32°\ 36'$	
Jan.	1	23.938	112	48.97	164	35.506	75	21.85	332	55.552	184	47.88	183	48.691	83	46.15	298
	11	24.050	148	47.33	161	35.581	128	18.53	328	55.736	245	46.05	177	48.774	129	43.17	293
	21	24.198	180	45.72	151	35.709	179	15.25	312	55.981	299	44.28	167	48.903	170	40.24	279
	31	24.378	207	44.21	135	35.888	225	12.13	284	56.280	346	42.61	154	49.073	207	37.45	253
Febr.	10	24.585	231	42.86	112	36.113	264	9.29	246	56.626	385	41.07	137	49.280	239	34.92	218
	20	24.816	251	41.74	85	36.377	297	6.83	198	57.011	416	39.70	119	49.519	267	32.74	174
März	1	25.067	265	40.89	54	36.674	324	4.85	143	57.427	441	38.51	99	49.786	287	31.00	125
	11	25.332	276	40.35	21	36.998	342	3.42	83	57.868	457	37.52	77	50.073	303	29.75	70
	21	25.608	284	40.14	14	37.340	352	2.59	21	58.325	469	36.75	53	50.376	313	29.05	14
	31	25.892	287	40.28	48	37.692	356	2.38	41	58.794	473	36.22	30	50.689	317	28.91	42
Apr.	10	26.179	286	40.76	80	38.048	350	2.79	99	59.267	470	35.92	6	51.006	314	29.33	95
	20	26.465	280	41.56	106	38.398	338	3.78	154	59.737	459	35.86	21	51.320	305	30.28	144
	30	26.745	270	42.62	130	38.736	316	5.32	202	60.196	441	36.07	46	51.625	290	31.72	188
Mai	10	27.015	254	43.92	148	39.052	288	7.34	243	60.637	416	36.53	71	51.915	267	33.60	223
	20	27.269	233	45.40	160	39.340	253	9.77	274	61.053	380	37.24	96	52.182	240	35.83	251
	30	27.502	206	47.00	166	39.593	212	12.51	298	61.433	337	38.20	119	52.422	206	38.34	272
Juni	9	27.708	174	48.66	167	39.805	164	15.49	311	61.770	286	39.39	139	52.628	167	41.06	282
	19	27.882	139	50.33	164	39.969	114	18.60	316	62.056	228	40.78	156	52.795	124	43.88	286
	29	28.021	100	51.97	155	40.083	61	21.76	313	62.284	165	42.34	169	52.919	78	46.74	281
Juli	8	5 28.121	58	53.52	143	5 40.144	5	24.89	302	5 62.449	97	44.03	177	6 52.997	29	49.55	270
	18	28.179	15	54.95	128	40.149	50	27.91	283	62.546	27	45.80	180	53.026	18	52.25	253
	28	28.194	27	56.23	111	40.099	102	30.74	258	62.573	43	47.60	176	53.008	66	54.78	229
Aug.	7	28.167	67	57.34	92	39.997	152	33.32	228	62.530	108	49.36	166	52.942	110	57.07	201
	17	28.100	104	58.26	73	39.845	197	35.60	191	62.422	169	51.02	150	52.832	150	59.08	168
	27	27.996	135	58.99	51	39.648	233	37.51	152	62.253	220	52.52	128	52.682	184	60.76	132
Sept.	6	27.861	158	59.50	30	39.415	262	39.03	110	62.033	261	53.80	101	52.498	210	62.08	94
	16	27.703	173	59.80	9	39.153	281	40.13	63	61.772	288	54.81	69	52.288	227	63.02	52
	26	27.530	179	59.89	12	38.872	289	40.76	15	61.484	299	55.50	34	52.061	235	63.54	11
Okt.	6	27.351	176	59.77	33	38.583	287	40.91	34	61.185	295	55.84	2	51.826	233	63.65	33
	16	27.175	163	59.44	54	38.296	273	40.57	83	60.890	275	55.82	38	51.593	221	63.32	77
	26	27.012	141	58.90	75	38.023	250	39.74	132	60.615	240	55.44	74	51.372	198	62.55	119
Nov.	5	26.871	111	58.15	95	37.773	215	38.42	179	60.375	191	54.70	106	51.174	168	61.36	161
	15	26.760	75	57.20	114	37.558	173	36.63	223	60.184	132	53.64	132	51.006	130	59.75	200
	25	26.685	35	56.06	132	37.385	125	34.40	261	60.052	65	52.32	155	50.876	87	57.75	234
Dez.	5	26.650	7	54.74	146	37.260	72	31.79	293	59.987	6	50.77	170	50.789	41	55.41	262
	15	26.657	49	53.28	157	37.188	15	28.86	316	59.993	77	49.07	179	50.748	8	52.79	283
	25	26.706	90	51.71	163	37.173	41	25.70	330	60.070	147	47.28	183	50.756	56	49.96	295
	35	26.796		50.08		37.214		22.40		60.217		45.45		50.812		47.01	
Mittl. Ort		26.082		45.46		37.781		17.02		59.207		50.59		50.831		41.66	
sec δ, tg δ		1.003		+0.072		1.387		+0.961		1.662		−1.328		1.187		+0.640	
a, a′		+3.0		+4.6		+1.8		+4.6		+4.8		+4.7		+2.2		+4.9	
b, b′		0.00		+0.97		+0.01		+0.97		−0.02		+0.97		+0.01		+0.97	

Tag		716) ζ Aquilae				717) λ Aquilae				718) α Coron. austr.				720) π Sagittarii			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944		19h 2m		+13° 46′		19h 3m		−4° 57′		19h 5m		−37° 59′		19h 6m		−21° 6′	
Jan.	1	48.005	95	47.51	213	14.369	109	62.17	108	36.978	139	35.25	99	23.603	120	49.75	7
	11	48.100	132	45.38	210	14.478	146	63.25	105	37.117	186	34.26	98	23.723	159	49.82	5
	21	48.232	166	43.28	199	14.624	177	64.30	99	37.303	226	33.28	95	23.882	193	49.87	3
	31	48.398	197	41.29	179	14.801	206	65.29	86	37.529	262	32.33	92	24.075	222	49.90	2
Febr.	10	48.595	222	39.50	153	15.007	229	66.15	71	37.791	292	31.41	86	24.297	248	49.88	8
	20	48.817	245	37.97	119	15.236	249	66.86	50	38.083	317	30.55	80	24.545	268	49.80	16
März	1	49.062	261	36.78	81	15.485	265	67.36	26	38.400	336	29.75	75	24.813	285	49.64	26
	11	49.323	275	35.97	40	15.750	277	67.62	1	38.736	352	29.00	67	25.098	298	49.38	35
	21	49.598	285	35.57	3	16.027	286	67.63	25	39.088	362	28.33	59	25.396	308	49.03	44
	31	49.883	289	35.60	45	16.313	291	67.38	49	39.450	369	27.74	50	25.704	313	48.59	52
Apr.	10	50.172	289	36.05	86	16.604	291	66.89	73	39.819	369	27.24	39	26.017	315	48.07	59
	20	50.461	285	36.91	121	16.895	288	66.16	92	40.188	364	26.85	27	26.332	311	47.48	62
	30	50.746	273	38.12	153	17.183	279	65.24	107	40.552	355	26.58	12	26.643	303	46.86	64
Mai	10	51.019	258	39.65	177	17.462	265	64.17	118	40.907	337	26.46	3	26.946	289	46.22	61
	20	51.277	237	41.42	196	17.727	245	62.99	125	41.244	313	26.49	20	27.235	270	45.61	56
	30	51.514	209	43.38	208	17.972	221	61.74	126	41.557	282	26.69	38	27.505	243	45.05	49
Juni	9	51.723	177	45.46	214	18.193	190	60.48	124	41.839	245	27.07	54	27.748	211	44.56	39
	19	51.900	141	47.60	212	18.383	154	59.24	118	42.084	201	27.61	69	27.959	174	44.17	27
	29	52.041	101	49.72	206	18.537	116	58.06	108	42.285	153	28.30	84	28.133	133	43.90	16
Juli	8	7 52.142	58	51.78	195	8 18.653	74	56.98	96	8 42.438	100	29.14	95	8 28.266	88	43.74	3
	18	52.200	14	53.73	178	18.727	30	56.02	82	42.538	45	30.09	103	28.354	42	43.71	8
	28	52.214	29	55.51	159	18.757	13	55.20	68	42.583	9	31.12	107	28.396	5	43.79	18
Aug.	7	52.185	70	57.10	136	18.744	55	54.52	52	42.574	62	32.19	107	28.391	50	43.97	25
	17	52.115	108	58.46	111	18.689	92	54.00	38	42.512	110	33.26	102	28.341	92	44.22	32
	27	52.007	139	59.57	85	18.597	125	53.62	22	42.402	152	34.28	92	28.249	127	44 54	34
Sept.	6	51.868	164	60.42	57	18.472	150	53.40	9	42.250	185	35.20	79	28.122	155	44.88	36
	16	51.704	181	60.99	28	18.322	167	53.31	5	42.065	209	35.99	61	27.967	174	45.24	34
	26	51.523	189	61.27	1	18.155	175	53.36	17	41.856	219	36.60	41	27.793	183	45.58	30
Okt.	6	51.334	187	61.26	31	17.980	173	53.53	30	41.637	217	37.01	19	27.610	181	45.88	27
	16	51.147	175	60.95	61	17.807	161	53.83	42	41.420	204	37.20	3	27.429	169	46.15	21
	26	50.972	155	60.34	90	17.646	140	54.25	53	41.216	178	37.17	25	27.260	147	46.36	17
Nov.	5	50.817	127	59.44	118	17.506	111	54.78	66	41.038	142	36.92	46	27.113	117	46.53	13
	15	50.690	93	58.26	145	17.395	76	55.44	76	40.896	97	36.46	63	26.996	79	46.66	9
	25	50.597	53	56.81	168	17.319	36	56.20	87	40.799	47	35.83	76	26.917	36	46.75	8
Dez.	5	50.544	12	55.13	188	17.283	5	57.07	97	40.752	6	35.07	88	26.881	9	46.83	7
	15	50.532	30	53.25	204	17.288	48	58.04	104	40.758	60	34.19	94	26.890	54	46.90	8
	25	50.562	72	51.21	212	17.336	88	59.08	108	40.818	112	33.25	98	26.944	98	46.98	7
	35	50.634		49.09		17.424		60.16		40.930		32.27		27.042		47.05	
Mittl. Ort		50.102		43.80		16.580		65.08		39.862		37.00		26.041		51.91	
sec δ, tg δ		1.030		+0.245		1.004		−0.087		1.269		−0.781		1.072		−0.386	
a, *a′*		+2.8		+5.4		+3.2		+5.5		+4.1		+5.7		+3.6		+5.7	
b, *b′*		0.00		+0.96		0.00		+0.96		−0.01		+0.96		−0.01		+0.96	

Scheinbare Sternörter 1944

Tag		723) δ Draconis				724) ϑ Lyrae				725) ω Aquilae				726) ϰ Cygni			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944		19h 12m		+67° 33′		19h 14m		+38° 1′		19h 15m		+11° 29′		19h 15m		+53° 15′	
Jan.	1	29.54	3	53.66	357	23.212	56	63.66	310	9.112	85	38.55	197	46.048	25	58.08	346
	11	29.51	9	50.09	359	23.268	104	60.56	309	9.197	121	36.58	195	46.073	92	54.62	346
	21	29.60	18	46.50	349	23.372	151	57.47	298	9.318	156	34.63	185	46.165	155	51.16	335
	31	29.78	29	43.01	325	23.523	193	54.49	274	9.474	186	32.78	167	46.320	215	47.81	311
Febr.	10	30.07	38	39.76	290	23.716	230	51.75	240	9.660	212	31.11	143	46.535	269	44.70	275
	20	30.45	46	36.86	243	23.946	263	49.35	197	9.872	236	29.68	112	46.804	316	41.95	230
März	1	30.91	52	34.43	188	24.209	290	47.38	147	10.108	254	28.56	76	47.120	355	39.65	176
	11	31.43	57	32.55	126	24.499	310	45.91	91	10.362	269	27.80	36	47.475	384	37.89	115
	21	32.00	59	31.29	61	24.809	324	45.00	33	10.631	281	27.44	4	47.859	403	36.74	52
	31	32.59	61	30.68	5	25.133	332	44.67	26	10.912	288	27.48	45	48.262	413	36.22	13
Apr.	10	33.20	60	30.73	70	25.465	333	44.93	83	11.200	289	27.93	83	48.675	411	36.35	77
	20	33.80	58	31.43	132	25.798	326	45.76	137	11.489	287	28.76	117	49.086	400	37.12	135
	30	34.38	53	32.75	188	26.124	311	47.13	183	11.776	279	29.93	147	49.486	377	38.47	189
Mai	10	34.91	48	34.63	236	26.435	290	48.96	224	12.055	264	31.40	171	49.863	346	40.36	235
	20	35.39	41	36.99	276	26.725	262	51.20	257	12.319	245	33.11	189	50.209	305	42.71	274
	30	35.80	33	39.75	307	26.987	227	53.77	281	12.564	220	35.00	201	50.514	257	45.45	303
Juni	9	36.13	23	42.82	329	27.214	186	56.58	296	12.784	189	37.01	206	50.771	202	48.48	323
	19	36.36	14	46.11	341	27.400	141	59.54	304	12.973	153	39.07	205	50.973	141	51.71	333
	29	36.50	5	49.52	345	27.541	92	62.58	303	13.126	113	41.12	199	51.114	78	55.04	336
Juli	9	36.55	6	52.97	339	27.633	41	65.61	294	13.239	72	43.11	187	51.192	12	58.40	329
	18	36.49	16	56.36	326	27.674	10	68.55	278	13.311	28	44.98	172	51.204	53	61.69	315
	28	36.33	25	59.62	305	27.664	62	71.33	257	13.339	16	46.70	154	51.151	118	64.84	294
Aug.	7	36.08	33	62.67	276	27.602	110	73.90	229	13.323	58	48.24	132	51.033	177	67.78	265
	17	35.75	42	65.43	243	27.492	153	76.19	197	13.265	96	49.56	108	50.856	231	70.43	231
	27	35.33	49	67.86	203	27.339	191	78.16	160	13.169	129	50.64	83	50.625	278	72.74	192
Sept.	6	34.84	53	69.89	159	27.148	221	79.76	121	13.040	155	51.47	57	50.347	315	74.66	148
	16	34.31	58	71.48	111	26.927	242	80.97	78	12.885	174	52.04	30	50.032	343	76.14	102
	26	33.73	60	72.59	59	26.685	254	81.75	34	12.711	183	52.34	2	49.689	358	77.16	51
Okt.	6	33.13	61	73.18	5	26.431	255	82.09	13	12.528	184	52.36	25	49.331	362	77.67	0
	16	32.52	60	73.23	49	26.176	246	81.96	59	12.344	174	52.11	53	48.969	352	77.67	53
	26	31.92	57	72.74	104	25.930	227	81.37	106	12.170	155	51.58	80	48.617	332	77.14	106
Nov.	5	31.35	52	71.70	159	25.703	199	80.31	152	12.015	130	50.78	106	48.285	299	76.08	158
	15	30.83	46	70.11	210	25.504	162	78.79	193	11.885	97	49.72	131	47.986	256	74.50	207
	25	30.37	39	68.01	256	25.342	120	76.86	232	11.788	59	48.41	153	47.730	204	72.43	251
Dez.	5	29.98	29	65.45	297	25.222	73	74.54	265	11.729	20	46.88	173	47.526	146	69.92	289
	15	29.69	20	62.48	328	25.149	24	71.89	289	11.709	22	45.15	187	47.380	82	67.03	318
	25	29.49	10	59.20	350	25.125	27	69.00	306	11.731	62	43.28	195	47.298	16	63.85	339
	35	29.39		55.70		25.152		65.94		11.793		41.33		47.282		60.46	
Mittl. Ort		32.75		47.02		25.366		58.53		11.201		35.10		48.478		52.00	
sec δ, tg δ		2.620		+2.422		1.270		+0.782		1.020		+0.203		1.672		+1.340	
a, *a′*		0.0		+6.2		+2.1		+6.4		+2.8		+6.5		+1.4		+6.5	
b, *b′*		+0.05		+0.95		+0.02		+0.95		0.00		+0.95		+0.03		+0.95	

Tag	729) τ Draconis AR.		729) τ Draconis Dekl.		728) α Sagittarii AR.		728) α Sagittarii Dekl.		730) δ Aquilae AR.		730) δ Aquilae Dekl.		734) Grb 2900 Draco AR.		734) Grb 2900 Draco Dekl.	
1944	$19^h\ 16^m$		$+73°\ 14'$		$19^h\ 19^m$		$-40°\ 43'$		$19^h\ 22^m$		$+3°\ 0'$		$19^h\ 24^m$		$+79°\ 29'$	
Jan. 1	34.49	9	74.89	354	57.561	124	23.00	119	38.321	84	8.75	149	61.21	25	40.30	345
11	34.40	$\overline{6}$	71.35	358	57.685	173	21.81	121	38.405	121	7.26	146	60.96	1	36.85	352
21	34.46	20	67.77	349	57.858	216	20.60	119	38.526	154	5.80	137	60.95	$\overline{22}$	33.33	347
31	34.66	34	64.28	328	58.074	255	19.41	116	38.680	184	4.43	123	61.17	44	29.86	329
Febr. 10	35.00	46	61.00	294	58.329	288	18.25	110	38.864	209	3.20	103	61.61	65	26.57	299
20	35.46	57	58.06	249	58.617	316	17.15	104	39.073	232	2.17	77	62.26	83	23.58	257
März 1	36.03	66	55.57	195	58.933	339	16.11	97	39.305	251	1.40	48	63.09	98	21.01	206
11	36.69	73	53.62	134	59.272	357	15.14	88	39.556	266	0.92	16	64.07	109	18.95	147
21	37.42	76	52.28	70	59.629	371	14.26	77	39.822	278	0.76	$\overline{18}$	65.16	117	17.48	85
31	38.18	79	51.58	$\underline{5}$	60.000	380	13.49	66	40.100	286	0.94	50	66.33	120	16.63	$\underline{21}$
Apr. 10	38.97	77	51.53	61	60.380	383	12.83	52	40.386	290	1.44	80	67.53	119	16.42	44
20	39.74	74	52.14	123	60.763	382	12.31	36	40.676	289	2.24	108	68.72	114	16.86	105
30	40.48	69	53.37	178	61.145	373	11.95	19	40.965	282	3.32	131	69.86	105	17.91	162
Mai 10	41.17	60	55.15	228	61.518	357	11.76	1	41.247	271	4.63	149	70.91	94	19.53	212
20	41.77	52	57.43	269	61.875	335	11.75	$\overline{20}$	41.518	253	6.12	161	71.85	78	21.65	254
30	42.29	40	60.12	301	62.210	304	11.95	39	41.771	229	7.73	168	72.63	62	24.19	289
Juni 9	42.69	29	63.13	325	62.514	268	12.34	59	42.000	200	9.41	169	73.25	43	27.08	314
19	42.98	16	66.38	338	62.782	223	12.93	77	42.200	166	11.10	166	73.68	23	30.22	331
29	43.14	3	69.76	344	63.005	173	13.70	94	42.366	127	12.76	158	73.91	2	33.53	338
Juli 9	43.17	$\overline{10}$	73.20	340	63.178	120	14.64	108	42.493	85	14.34	146	73.93	$\overline{18}$	36.91	337
	11				12				12				13			
18	43.07	23	76.60	328	63.298	63	15.72	117	42.578	43	15.80	131	73.75	37	40.28	328
28	42.84	35	79.88	308	63.361	5	16.89	123	42.621	1	17.11	114	73.38	57	43.56	312
Aug. 7	42.49	47	82.96	282	63.366	$\overline{50}$	18.12	123	42.620	44	18.25	96	72.81	75	46.68	287
17	42.02	57	85.78	248	63.316	102	19.35	119	42.576	82	19.21	75	72.06	91	49.55	258
27	41.45	65	88.26	211	63.214	148	20.54	110	42.494	116	19.96	55	71.15	104	52.13	222
Sept. 6	40.80	73	90.37	168	63.066	185	21.64	95	42.378	143	20.51	35	70.11	116	54.35	181
16	40.07	79	92.05	120	62.881	211	22.59	76	42.235	163	20.86	14	68.95	126	56.16	136
26	39.28	81	93.25	70	62.670	226	23.35	54	42.072	174	21.00	$\overline{6}$	67.69	131	57.52	87
Okt. 6	38.47	83	93.95	17	62.444	228	23.89	30	41.898	174	20.94	25	66.38	134	58.39	35
16	37.64	82	94.12	$\overline{38}$	62.216	217	24.19	$\underline{4}$	41.724	166	20.69	46	65.04	133	58.74	19
26	36.82	78	93.74	93	61.999	193	24.23	21	41.558	149	20.23	64	63.71	130	58.55	73
Nov. 5	36.04	74	92.81	148	61.806	159	24.02	45	41.409	123	19.59	84	62.41	122	57.82	128
15	35.30	65	91.33	200	61.647	116	23.57	67	41.286	92	18.75	101	61.19	112	56.54	181
25	34.65	56	89.33	247	61.531	66	22.90	85	41.194	56	17.74	117	60.07	97	54.73	229
Dez. 5	34.09	44	86.86	289	61.465	$\underline{12}$	22.05	100	41.138	$\underline{16}$	16.57	130	59.10	81	52.44	273
15	33.65	32	83.97	323	61.453	43	21.05	110	41.122	24	15.27	141	58.29	61	49.71	308
25	33.33	18	80.74	345	61.496	96	19.95	116	41.146	63	13.86	148	57.68	39	46.63	335
35	33.15		77.29		61.592		18.79		41.209		12.38		57.29		43.28	
Mittl. Ort	38.40		67.79		60.547		23.44		40.446		6.01		66.75		32.49	
sec δ, tg δ	3.470		+3.323		1.320		−0.861		1.001		+0.052		5.483		+5.391	
a, a'	−1.1		+6.6		+4.2		+6.9		+3.0		+7.1		−3.6		+7.3	
b, b'	+0.07		+0.94		−0.02		+0.94		0.00		+0.94		+0.13		+0.93	

Tag	733) ι Cygni AR.		Dekl.		732) β Cygni *pr* AR.		Dekl.		736) 52 Sagittarii AR.		Dekl.		738) ϑ Cygni AR.		Dekl.	
1944	19h 28m		+51° 36′		19h 28m		+27° 50′		19h 33m		−25° 0′		19h 34m		+50° 5′	
	s		″		s		″		s		″		s		″	
Jan. 1	15.270	10	41.45	337	25.636	54	31.67	270	15.558	95	31.78	25	54.028	4	32.60	332
11	15.280	73	38.08	342	25.690	96	28.97	269	15.653	135	31.53	29	54.032	65	29.28	336
21	15.353	135	34.66	333	25.786	135	26.28	259	15.788	171	31.24	33	54.097	125	25.92	330
31	15.488	193	31.33	311	25.921	173	23.69	240	15.959	204	30.91	38	54.222	180	22.62	310
Febr. 10	15.681	246	28.22	279	26.094	205	21.29	210	16.163	231	30.53	43	54.402	233	19.52	278
20	15.927	293	25.43	236	26.299	235	19.19	173	16.394	256	30.10	50	54.635	278	16.74	237
März 1	16.220	332	23.07	183	26.534	259	17.46	129	16.650	278	29.60	57	54.913	318	14.37	185
11	16.552	364	21.24	125	26.793	280	16.17	79	16.928	294	29.03	63	55.231	350	12.52	128
21	16.916	386	19.99	62	27.073	294	15.38	26	17.222	309	28.40	69	55.581	373	11.24	67
31	17.302	399	19.37	1	27.367	305	15.12	26	17.531	319	27.71	74	55.954	386	10.57	3
Apr. 10	17.701	401	19.38	64	27.672	308	15.38	77	17.850	325	26.97	75	56.340	391	10.54	59
20	18.102	393	20.02	124	27.980	306	16.15	124	18.175	326	26.22	76	56.731	386	11.13	118
30	18.495	375	21.26	178	28.286	297	17.39	167	18.501	322	25.46	72	57.117	371	12.31	173
Mai 10	18.870	349	23.04	226	28.583	282	19.06	204	18.823	311	24.74	66	57.488	346	14.04	221
20	19.219	312	25.30	265	28.865	260	21.10	232	19.134	294	24.08	57	57.834	312	16.25	261
30	19.531	267	27.95	297	29.125	231	23.42	254	19.428	271	23.51	46	58.146	271	18.86	292
Juni 9	19.798	216	30.92	318	29.356	198	25.96	268	19.699	241	23.05	32	58.417	222	21.78	315
19	20.014	159	34.10	331	29.554	158	28.64	273	19.940	204	22.73	17	58.639	168	24.93	329
29	20.173	99	37.41	335	29.712	115	31.37	272	20.144	164	22.56	3	58.807	109	28.22	334
Juli 9	20.272	35	40.76	331	29.827	70	34.09	264	20.308	118	22.53	13	58.916	47	31.56	331
18	[14] 20.307	29	44.07	319	[14] 29.897	22	36.73	249	[15] 20.426	70	22.66	27	[16] 58.963	15	34.87	319
28	20.278	92	47.26	299	29.919	26	39.22	230	20.496	21	22.93	37	58.948	76	38.06	300
Aug. 7	20.186	151	50.25	272	29.893	71	41.52	205	20.517	27	23.30	47	58.872	134	41.06	275
17	20.035	205	52.97	241	29.822	112	43.57	176	20.490	72	23.77	54	58.738	188	43.81	244
27	19.830	252	55.38	203	29.710	149	45.33	144	20.418	112	24.31	56	58.550	235	46.25	208
Sept. 6	19.578	291	57.41	160	29.561	178	46.77	109	20.306	144	24.87	56	58.315	273	48.33	166
16	19.287	320	59.01	115	29.383	200	47.86	73	20.162	168	25.43	53	58.042	303	49.99	121
26	18.967	337	60.16	67	29.183	213	48.59	33	19.994	182	25.96	46	57.739	322	51.20	74
Okt. 6	18.630	344	60.83	16	28.970	215	48.92	6	19.812	186	26.42	38	57.417	328	51.94	23
16	18.286	337	60.99	37	28.755	209	48.86	47	19.626	178	26.80	29	57.089	324	52.17	29
26	17.949	320	60.62	91	28.546	193	48.39	87	19.448	161	27.09	19	56.765	308	51.88	81
Nov. 5	17.629	291	59.71	141	28.353	168	47.52	127	19.287	133	27.28	9	56.457	282	51.07	133
15	17.338	252	58.30	191	28.185	137	46.25	164	19.154	99	27.37	0	56.175	245	49.74	183
25	17.086	205	56.39	237	28.048	99	44.61	197	19.055	60	27.37	7	55.930	200	47.91	228
Dez. 5	16.881	151	54.02	276	27.949	58	42.64	227	18.995	16	27.30	14	55.730	149	45.63	267
15	16.730	91	51.26	307	27.891	16	40.37	249	18.979	29	27.16	19	55.581	93	42.96	300
25	16.639	29	48.19	330	27.875	29	37.88	264	19.008	72	26.97	22	55.488	32	39.96	324
35	16.610		44.89		27.904		35.24		19.080		26.75		55.456		36.72	
Mittl. Ort	17.612		35.01		27.695		27.04		18.057		31.99		56.311		26.03	
sec δ, tg δ	1.610		+1.262		1.131		+0.528		1.103		−0.466		1.559		+1.196	
a, *a′*	+1.5		+7.5		+2.4		+7.5		+3.6		+7.9		+1.6		+8.1	
b, *b′*	+0.03		+0.93		+0.01		+0.93		−0.01		+0.92		+0.03		+0.92	

Tag		740) 15 Cygni				741) γ Aquilae				743) δ Sagittae				745) α Aquilae [1])			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944		$19^h\ 42^m$		$+37°\ 12'$		$19^h\ 43^m$		$+10°\ 28'$		$19^h\ 44^m$		$+18°\ 23'$		$19^h\ 48^m$		$+8°\ 43'$	
		s		"		s		"		s		"		s		"	
Jan.	1	13.241	25	70.48	297	33.744	58	34.79	183	51.353	48	45.25	222	0.972	58	11.30	171
	11	13.266	72	67.51	300	33.802	94	32.96	182	51.401	87	43.03	222	1.030	95	9.59	169
	21	13.338	117	64.51	294	33.896	129	31.14	174	51.488	122	40.81	214	1.125	128	7.90	162
	31	13.455	160	61.57	276	34.025	160	29.40	158	51.610	156	38.67	198	1.253	160	6.28	146
Febr.	10	13.615	200	58.81	246	34.185	188	27.82	137	51.766	188	36.69	174	1.413	189	4.82	125
	20	13.815	236	56.35	208	34.373	215	26.45	108	51.954	214	34.95	141	1.602	214	3.57	98
März	1	14.051	267	54.27	161	34.588	237	25.37	74	52.168	239	33.54	103	1.816	236	2.59	65
	11	14.318	292	52.66	109	34.825	256	24.63	37	52.407	259	32.51	61	2.052	255	1.94	28
	21	14.610	312	51.57	52	35.081	271	24.26	$\overline{3}$	52.666	276	31.90	15	2.307	271	1.66	$\overline{9}$
	31	14.922	326	51.05	$\overline{6}$	35.352	283	24.29	41	52.942	288	31.75	$\overline{31}$	2.578	283	1.75	46
Apr.	10	15.248	332	51.11	62	35.635	290	24.70	79	53.230	296	32.06	74	2.861	291	2.21	82
	20	15.580	331	51.73	116	35.925	292	25.49	114	53.526	297	32.80	116	3.152	292	3.03	115
	30	15.911	323	52.89	166	36.217	289	26.63	143	53.823	292	33.96	152	3.444	290	4.18	144
Mai	10	16.234	307	54.55	209	36.506	278	28.06	168	54.115	282	35.48	183	3.734	280	5.62	166
	20	16.541	283	56.64	244	36.784	263	29.74	187	54.397	264	37.31	208	4.014	265	7.28	184
	30	16.824	252	59.08	271	37.047	241	31.61	200	54.661	241	39.39	225	4.279	243	9.12	196
Juni	9	17.076	215	61.79	291	37.288	212	33.61	205	54.902	212	41.64	236	4.522	216	11.08	201
	19	17.291	172	64.70	302	37.500	178	35.66	206	55.114	176	44.00	239	4.738	182	13.09	200
	29	17.463	125	67.72	305	37.678	141	37.72	201	55.290	137	46.39	237	4.920	144	15.09	194
Juli	9	17.588	75	70.77	300	37.819	99	39.73	191	55.427	94	48.76	229	5.064	103	17.03	184
	18*)	(17) 17.663	23	73.77	288	(18) 37.918	55	41.64	176	(18) 55.521	49	51.05	215	(19) 5.167	59	18.87	169
	28	17.686	$\overline{29}$	76.65	270	37.973	10	43.40	159	55.570	4	53.20	197	5.226	15	20.56	151
Aug.	7	17.657	78	79.35	246	37.983	$\overline{32}$	44.99	137	55.574	$\overline{40}$	55.17	175	5.241	$\overline{28}$	22.07	130
	17	17.579	125	81.81	216	37.951	73	46.36	115	55.534	82	56.92	150	5.213	68	23.37	109
	27	17.454	165	83.97	183	37.878	109	47.51	91	55.452	118	58.42	122	5.145	105	24.46	84
Sept.	6	17.289	199	85.80	145	37.769	139	48.42	65	55.334	149	59.64	92	5.040	135	25.30	60
	16	17.090	224	87.25	105	37.630	161	49.07	40	55.185	171	60.56	62	4.905	156	25.90	36
	26	16.866	241	88.30	61	37.469	174	49.47	13	55.014	186	61.18	29	4.749	171	26.26	10
Okt.	6	16.625	247	88.91	17	37.295	179	49.60	$\overline{14}$	54.828	190	61.47	$\overline{4}$	4.578	176	26.36	$\overline{14}$
	16	16.378	243	89.08	$\overline{30}$	37.116	175	49.46	40	54.638	186	61.43	37	4.402	171	26.22	39
	26	16.135	229	88.78	76	36.941	160	49.06	66	54.452	173	61.06	70	4.231	158	25.83	64
Nov.	5	15.906	207	88.02	122	36.781	139	48.40	91	54.279	152	60.36	102	4.073	136	25.19	87
	15	15.699	176	86.80	165	36.642	111	47.49	115	54.127	124	59.34	133	3.937	109	24.32	109
	25	15.523	139	85.15	205	36.531	77	46.34	137	54.003	90	58.01	161	3.828	75	23.23	129
Dez.	5	15.384	96	83.10	241	36.454	41	44.97	156	53.913	53	56.40	185	3.753	39	21.94	146
	15	15.288	51	80.69	269	36.413	3	43.41	170	53.860	14	54.55	204	3.714	1	20.48	160
	25	15.237	4	78.00	290	36.410	$\overline{37}$	41.71	180	53.846	$\overline{26}$	52.51	218	3.713	$\overline{37}$	18.88	168
	35	15.233		75.10		36.447		39.91		53.872		50.33		3.750		17.20	
Mittl. Ort		15.318		64.82		35.792		31.85		53.373		41.48		3.024		8.74	
sec δ, tg δ		1.256		+0.760		1.017		+0.185		1.054		+0.333		1.012		+0.153	
a, *a′*		+2.2		+8.6		+2.9		+8.8		+2.7		+8.9		+2.9		+9.1	
b, *b′*		+0.02		+0.90		+0.01		+0.90		+0.01		+0.90		0.00		+0.89	

1) Die jährliche Parallaxe (0"208) ist bereits berücksichtigt.

*) Bei Stern 745) lies Juli 19.

Tag	749) β Aquilae AR.		749) β Aquilae Dekl.		748) ε Pavonis AR.		748) ε Pavonis Dekl.		751) ϑ¹ Sagittarii AR.		751) ϑ¹ Sagittarii Dekl.		752) γ Sagittae AR.		752) γ Sagittae Dekl.	
1944	19h 52m		+6° 15′		19h 54m		−73° 3′		19h 56m		−35° 25′		19h 56m		+19° 20′	
	s		″		s		″		s		″		s		″	
Jan. 1	31.644	53	58.27	158	2.26	9	44.58	289	2.924	75	48.08	94	13.927	36	23.74	221
11	31.697	89	56.69	158	2.35	22	41.69	296	2.999	120	47.14	101	13.963	74	21.53	224
21	31.786	122	55.11	150	2.57	36	38.73	294	3.119	161	46.13	106	14.037	110	19.29	217
31	31.908	154	53.61	136	2.93	47	35.79	284	3.280	198	45.07	109	14.147	145	17.12	201
Febr. 10	32.062	182	52.25	115	3.40	57	32.95	267	3.478	232	43.98	112	14.292	177	15.11	178
20	32.244	208	51.10	90	3.97	67	30.28	245	3.710	263	42.86	113	14.469	205	13.33	146
März 1	32.452	231	50.20	59	4.64	75	27.83	218	3.973	288	41.73	112	14.674	232	11.87	109
11	32.683	250	49.61	26	5.39	81	25.65	186	4.261	312	40.61	111	14.906	254	10.78	67
21	32.933	268	49.35	10	6.20	86	23.79	151	4.573	331	39.50	107	15.160	272	10.11	21
31	33.201	280	49.45	46	7.06	90	22.28	113	4.904	346	38.43	102	15.432	287	9.90	25
Apr. 10	33.481	289	49.91	79	7.96	91	21.15	72	5.250	356	37.41	93	15.719	296	10.15	70
20	33.770	292	50.70	110	8.87	92	20.43	30	5.606	361	36.48	83	16.015	299	10.85	113
30	34.062	291	51.80	137	9.79	90	20.13	12	5.967	360	35.65	69	16.314	296	11.98	150
Mai 10	34.353	282	53.17	159	10.69	87	20.25	55	6.327	352	34.96	53	16.610	288	13.48	182
20	34.635	269	54.76	174	11.56	81	20.80	98	6.679	337	34.43	35	16.898	272	15.30	208
30	34.904	247	56.50	184	12.37	75	21.78	136	7.016	314	34.08	15	17.170	249	17.38	227
Juni 9	35.151	221	58.34	188	13.12	65	23.14	173	7.330	284	33.93	6	17.419	221	19.65	239
19	35.372	189	60.22	188	13.77	56	24.87	205	7.614	247	33.99	27	17.640	186	22.04	245
29	35.561	151	62.10	181	14.33	44	26.92	231	7.861	202	34.26	48	17.826	147	24.49	243
Juli 9	35.712	110	63.91	170	14.77	30	29.23	252	8.063	154	34.74	66	17.973	105	26.92	236
19	$_{20}$35.822	67	65.61	156	$_{20}$15.07	17	31.75	263	$_{21}$8.217	101	35.40	82	$_{21}$18.078	60	29.28	223
28	35.889	23	67.17	138	15.24	3	34.38	268	8.318	47	36.22	95	18.138	13	31.51	205
Aug. 7	35.912	21	68.55	119	15.27	11	37.06	263	8.365	7	37.17	104	18.151	31	33.56	184
17	35.891	62	69.74	97	15.16	25	39.69	250	8.358	59	38.21	107	18.120	73	35.40	160
27	35.829	99	70.71	75	14.91	37	42.19	226	8.299	106	39.28	107	18.047	111	37.00	131
Sept. 6	35.730	129	71.46	52	14.54	47	44.45	195	8.193	145	40.35	100	17.936	143	38.31	102
16	35.601	152	71.98	29	14.07	57	46.40	155	8.048	176	41.35	90	17.793	167	39.33	71
26	35.449	167	72.27	7	13.50	62	47.95	110	7.872	196	42.25	75	17.626	183	40.04	38
Okt. 6	35.282	173	72.34	17	12.88	65	49.05	60	7.676	206	43.00	56	17.443	189	40.42	4
16	35.109	170	72.17	39	12.23	65	49.65	6	7.470	202	43.56	37	17.254	188	40.46	29
26	34.939	158	71.78	61	11.58	63	49.71	49	7.268	188	43.93	15	17.066	176	40.17	63
Nov. 5	34.781	137	71.17	82	10.95	57	49.22	102	7.080	163	44.08	7	16.890	156	39.54	96
15	34.644	110	70.35	102	10.38	48	48.20	150	6.917	130	44.01	28	16.734	131	38.58	127
25	34.534	78	69.33	121	9.90	38	46.70	195	6.787	89	43.73	46	16.603	99	37.31	156
Dez. 5	34.456	43	68.12	136	9.52	26	44.75	232	6.698	44	43.27	64	16.504	63	35.75	182
15	34.413	5	66.76	148	9.26	12	42.43	260	6.654	3	42.63	77	16.441	25	33.93	202
25	34.408	32	65.28	157	9.14	1	39.83	282	6.657	50	41.86	88	16.416	14	31.91	217
35	34.440		63.71		9.15		37.01		6.707		40.98		16.430		29.74	
Mittl. Ort	33.698		55.99		9.15		40.62		5.672		45.77		15.919		19.94	
sec δ, tg δ	1.006		+0.110		3.432		−3.283		1.227		−0.711		1.060		+0.351	
a, a′	+2.9		+9.5		+6.9		+9.6		+3.9		+9.7		+2.7		+9.7	
b, b′	0.00		+0.88		−0.10		+0.88		−0.02		+0.87		+0.01		+0.87	

Tag		754) δ Pavonis [1] AR.		754) δ Pavonis [1] Dekl.		756) ϑ Aquilae AR.		756) ϑ Aquilae Dekl.	
1944		$20^h\ 3^m$		$-66°\ 19'$		$20^h\ 8^m$		$-0°\ 59'$	
		s		″		s		″	
Jan.	1	9.93	8	42.92	259	22.843	44	19.29	112
	11	10.01	17	40.33	267	22.887	79	20.41	110
	21	10.18	27	37.66	269	22.966	112	21.51	102
	31	10.45	34	34.97	262	23.078	143	22.53	90
Febr.	10	10.79	43	32.35	252	23.221	171	23.43	73
	20	11.22	49	29.83	233	23.392	198	24.16	51
März	1	11.71	54	27.50	212	23.590	222	24.67	25
	11	12.25	60	25.38	184	23.812	244	24.92	3
	21	12.85	64	23.54	155	24.056	262	24.89	31
	31	13.49	66	21.99	122	24.318	277	24.58	60
Apr.	10	14.15	68	20.77	86	24.595	288	23.98	88
	20	14.83	68	19.91	49	24.883	295	23.10	111
	30	15.51	68	19.42	10	25.178	296	21.99	132
Mai	10	16.19	66	19.32	30	25.474	290	20.67	147
	20	16.85	62	19.62	70	25.764	279	19.20	157
	30	17.47	58	20.32	108	26.043	261	17.63	163
Juni	9	18.05	52	21.40	143	26.304	237	16.00	163
	19	18.57	44	22.83	174	26.541	206	14.37	158
	29	19.01	36	24.57	203	26.747	170	12.79	150
Juli	9	19.37	26	26.60	225	26.917	130	11.29	137
	19	$_{23}$ 19.63	17	28.85	238	$_{24}$ 27.047	87	9.92	122
	28	19.80	6	31.23	247	27.134	43	8.70	104
Aug.	7	19.86	4	33.70	246	27.177	2	7.66	86
	17	19.82	15	36.16	237	27.175	44	6.80	67
	27	19.67	24	38.53	219	27.131	82	6.13	48
Sept.	6	19.43	31	40.72	192	27.049	114	5.65	29
	16	19.12	39	42.64	160	26.935	140	5.36	11
	26	18.73	42	44.24	118	26.795	158	5.25	6
Okt.	6	18.31	45	45.42	73	26.637	165	5.31	22
	16	17.86	46	46.15	25	26.472	164	5.53	38
	26	17.40	43	46.40	26	26.308	155	5.91	52
Nov.	5	16.97	40	46.14	75	26.153	136	6.43	66
	15	16.57	33	45.39	122	26.017	112	7.09	78
	25	16.24	26	44.17	163	25.905	82	7.87	91
Dez.	5	15.98	17	42.54	200	25.823	48	8.78	100
	15	15.81	7	40.54	227	25.775	12	9.78	107
	25	15.74	1	38.27	250	25.763	25	10.85	111
	35	15.75		35.77		25.788		11.96	
Mittl. Ort		15.09		38.19		24.921		20.17	
sec δ, tg δ		2.491		−2.281		1.000		−0.017	
a, *a′*		+5.7		+10.3		+3.1		+10.7	
b, *b′*		−0.08		+ 0.86		0.00		+ 0.85	

Tag		759) κ Cephei AR.		759) κ Cephei Dekl.		757) 31 o¹ Cygni AR.		757) 31 o¹ Cygni Dekl.	
1944		$20^h\ 10^m$		$+77°\ 32'$		$20^h\ 11^m$		$+46°\ 33'$	
		s		″		s		″	
Jan.	1	44.41	39	47.40	321	49.931	35	81.74	306
	11	44.02	20	44.19	341	49.896	18	78.68	318
	21	43.82	0	40.78	349	49.914	73	75.50	319
	31	43.82	19	37.29	342	49.987	125	72.31	306
Febr.	10	44.01	37	33.87	324	50.112	176	69.25	282
	20	44.38	55	30.63	292	50.288	224	66.43	248
März	1	44.93	70	27.71	250	50.512	265	63.95	204
	11	45.63	82	25.21	199	50.777	303	61.91	152
	21	46.45	93	23.22	141	51.080	333	60.39	95
	31	47.38	98	21.81	78	51.413	354	59.44	34
Apr.	10	48.36	102	21.03	14	51.767	369	59.10	27
	20	49.38	101	20.89	49	52.136	374	59.37	86
	30	50.39	98	21.38	110	52.510	369	60.23	141
Mai	10	51.37	91	22.48	167	52.879	354	61.64	191
	20	52.28	81	24.15	217	53.233	332	63.55	235
	30	53.09	69	26.32	260	53.565	299	65.90	270
Juni	9	53.78	56	28.92	295	53.864	259	68.60	298
	19	54.34	40	31.87	321	54.123	213	71.58	317
	29	54.74	23	35.08	339	54.336	160	74.75	328
Juli	9	54.97	7	38.47	348	54.496	103	78.03	330
	19	$_{25}$ 55.04	11	41.95	349	$_{25}$ 54.599	45	81.33	324
	28	54.93	27	45.44	342	54.644	13	84.57	311
Aug.	7	54.66	44	48.86	327	54.631	71	87.68	291
	17	54.22	59	52.13	306	54.560	126	90.59	265
	27	53.63	72	55.19	276	54.434	174	93.24	234
Sept.	6	52.91	84	57.95	242	54.260	216	95.58	196
	16	52.07	95	60.37	202	54.044	250	97.54	156
	26	51.12	102	62.39	157	53.794	274	99.10	111
Okt.	6	50.10	107	63.96	106	53.520	288	100.21	64
	16	49.03	110	65.02	54	53.232	292	100.85	14
	26	47.93	110	65.56	1	52.940	284	100.99	37
Nov.	5	46.83	106	65.55	59	52.656	267	100.62	89
	15	45.77	101	64.96	116	52.389	240	99.73	138
	25	44.76	92	63.80	171	52.149	206	98.35	186
Dez.	5	43.84	80	62.09	222	51.943	165	96.49	228
	15	43.04	66	59.87	266	51.778	118	94.21	265
	25	42.38	50	57.21	304	51.660	67	91.56	294
	35	41.88		54.17		51.593		88.62	
Mittl. Ort		48.66		37.41		52.007		74.42	
sec δ, tg δ		4.636		+4.527		1.455		+1.056	
a, *a′*		−2.0		+10.8		+1.9		+10.9	
b, *b′*		+0.16		+ 0.84		+0.04		+ 0.84	

[1] Die jährliche Parallaxe (0.″174) ist bereits berücksichtigt.

Tag		758) 33 Cygni				760) 24 Vulpeculae				761) α² Capricorni				765) γ Cygni			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944		20ʰ 12ᵐ		+56° 23′		20ʰ 14ᵐ		+24° 29′		20ʰ 14ᵐ		−12° 42′		20ʰ 20ᵐ		+40° 4′	
		s		″		s		″		s		″		s		″	
Jan.	1	3.496	78	53.23	322	21.281	11	55.43	236	54.706	45	72.45	42	11.045	27	42.08	286
	11	3.418	9	50.01	336	21.292	49	53.07	241	54.751	81	72.87	37	11.018	21	39.22	297
	21	3.409	60	46.65	339	21.341	88	50.66	238	54.832	115	73.24	28	11.039	68	36.25	298
	31	3.469	129	43.26	328	21.429	125	48.28	224	54.947	146	73.52	18	11.107	114	33.27	286
Febr.	10	3.598	196	39.98	306	21.554	159	46.04	202	55.093	175	73.70	4	11.221	159	30.41	264
	20	3.794	256	36.92	271	21.713	192	44.02	171	55.268	202	73.74	11	11.380	201	27.77	232
März	1	4.050	312	34.21	226	21.905	221	42.31	133	55.470	227	73.63	29	11.581	239	25.45	190
	11	4.362	359	31.95	173	22.126	248	40.98	89	55.697	248	73.34	48	11.820	273	23.55	140
	21	4.721	396	30.22	114	22.374	270	40.09	41	55.945	269	72.86	67	12.093	302	22.15	86
	31	5.117	424	29.08	51	22.644	287	39.68	8	56.214	284	72.19	84	12.395	323	21.29	29
Apr.	10	5.541	439	28.57	13	22.931	300	39.76	57	56.498	297	71.35	99	12.718	338	21.00	29
	20	5.980	443	28.70	74	23.231	307	40.33	102	56.795	305	70.36	112	13.056	346	21.29	86
	30	6.423	435	29.44	134	23.538	307	41.35	145	57.100	308	69.24	121	13.402	344	22.15	138
Mai	10	6.858	415	30.78	188	23.845	299	42.80	183	57.408	303	68.03	125	13.746	334	23.53	185
	20	7.273	383	32.66	235	24.144	286	44.63	213	57.711	294	66.78	126	14.080	316	25.38	227
	30	7.656	342	35.01	274	24.430	264	46.76	237	58.005	276	65.52	121	14.396	290	27.65	260
Juni	9	7.998	290	37.75	306	24.694	236	49.13	254	58.281	252	64.31	114	14.686	256	30.25	286
	19	8.288	231	40.81	327	24.930	202	51.67	263	58.533	223	63.17	103	14.942	214	33.11	304
	29	8.519	167	44.08	342	25.132	163	54.30	265	58.756	186	62.14	89	15.156	169	36.15	313
Juli	9	8.686	98	47.50	346	25.295	119	56.95	262	58.942	146	61.25	73	15.325	118	39.28	315
	19	8.784	27	50.96	343	[26] 25.414	73	59.57	251	[26] 59.088	102	60.52	56	[27] 15.443	64	42.43	309
	28	[25] 8.811	44	54.39	332	25.487	26	62.08	235	59.190	56	59.96	39	15.507	11	45.52	296
Aug.	7	8.767	113	57.71	313	25.513	21	64.43	214	59.246	10	59.57	21	15.518	42	48.48	276
	17	8.654	177	60.84	287	25.492	65	66.57	190	59.256	34	59.36	7	15.476	93	51.24	252
	27	8.477	236	63.71	256	25.427	104	68.47	162	59.222	75	59.29	8	15.383	139	53.76	221
Sept.	6	8.241	287	66.27	219	25.323	139	70.09	130	59.147	109	59.37	19	15.244	178	55.97	187
	16	7.954	327	68.46	177	25.184	167	71.39	98	59.038	136	59.56	29	15.066	210	57.84	147
	26	7.627	357	70.23	130	25.017	185	72.37	62	58.902	155	59.85	36	14.856	233	59.31	106
Okt.	6	7.270	376	71.53	81	24.832	195	72.99	25	58.747	165	60.21	41	14.623	247	60.37	62
	16	6.894	382	72.34	27	24.637	197	73.24	12	58.582	165	60.62	44	14.376	250	60.99	14
	26	6.512	375	72.61	27	24.440	188	73.12	49	58.417	155	61.06	47	14.126	245	61.13	33
Nov.	5	6.137	357	72.34	81	24.252	172	72.63	87	58.262	138	61.53	48	13.881	230	60.80	81
	15	5.780	328	71.53	136	24.080	149	71.76	122	58.124	113	62.01	48	13.651	207	59.99	128
	25	5.452	287	70.17	187	23.931	120	70.54	156	58.011	83	62.49	49	13.444	175	58.71	172
Dez.	5	5.165	238	68.30	234	23.811	86	68.98	185	57.928	48	62.98	48	13.269	139	56.99	213
	15	4.927	181	65.96	275	23.725	50	67.13	210	57.880	12	63.46	47	13.130	98	54.86	247
	25	4.746	119	63.21	306	23.675	11	65.03	229	57.868	26	63.93	44	13.032	54	52.39	273
	35	4.627		60.15		23.664		62.74		57.894		64.37		12.978		49.66	
Mittl. Ort		5.776		44.83		23.219		51.00		56.908		71.42		13.017		35.40	
sec δ, tg δ		1.807		+1.505		1.099		+0.456		1.025		−0.226		1.307		+0.841	
a, *a′*		+1.4		+10.9		+2.6		+11.1		+3.3		+11.1		+2.2		+11.5	
b, *b′*		+0.05		+ 0.84		+0.02		+ 0.83		−0.01		+ 0.83		+0.03		+ 0.82	

Tag	764) α Pavonis AR.		764) α Pavonis Dekl.		1535) 42 Cygni AR.		1535) 42 Cygni Dekl.		767) ϑ Cephei AR.		767) ϑ Cephei Dekl.		768) ε Delphini AR.		768) ε Delphini Dekl.	
1944	20h 21m		−56° 54′		20h 27m		+36° 15′		20h 28m		+62° 48′		20h 30m		+11° 6′	
	s		″		s		″		s		″		s		″	
Jan. 1	9.915	37	65.27	215	10.210	24	66.90	271	36.24	16	29.33	315	30.269	12	44.63	169
11	9.952	105	63.12	227	10.186	—19	64.19	282	36.08	7	26.18	335	30.281	47	42.94	171
21	10.057	170	60.85	235	10.205	64	61.37	283	36.01	—2	22.83	344	30.328	81	41.23	166
31	10.227	230	58.50	236	10.269	106	58.54	272	36.03	10	19.39	339	30.409	114	39.57	154
Febr. 10	10.457	287	56.14	232	10.375	149	55.82	252	36.13	18	16.00	321	30.523	145	38.03	135
20	10.744	337	53.82	224	10.524	188	53.30	220	36.31	26	12.79	291	30.668	175	36.68	110
März 1	11.081	382	51.58	210	10.712	225	51.10	180	36.57	34	9.88	250	30.843	203	35.58	78
11	11.463	421	49.48	193	10.937	258	49.30	133	36.91	40	7.38	199	31.046	227	34.80	43
21	11.884	455	47.55	173	11.195	285	47.97	81	37.31	45	5.39	142	31.273	251	34.37	5
31	12.339	482	45.82	148	11.480	308	47.16	26	37.76	49	3.97	80	31.524	269	34.32	—34
Apr. 10	12.821	501	44.34	121	11.788	324	46.90	—30	38.25	51	3.17	16	31.793	284	34.66	72
20	13.322	513	43.13	90	12.112	333	47.20	84	38.76	52	3.01	—47	32.077	294	35.38	107
30	13.835	515	42.23	58	12.445	334	48.04	135	39.28	51	3.48	109	32.371	298	36.45	139
Mai 10	14.350	507	41.65	23	12.779	326	49.39	181	39.79	50	4.57	166	32.669	295	37.84	166
20	14.857	490	41.42	—12	13.105	311	51.20	221	40.29	46	6.23	217	32.964	285	39.50	188
30	15.347	460	41.54	47	13.416	287	53.41	252	40.75	41	8.40	260	33.249	270	41.38	203
Juni 9	15.807	421	42.01	82	13.703	257	55.93	278	41.16	35	11.00	296	33.519	246	43.41	212
19	16.228	370	42.83	115	13.960	219	58.71	294	41.51	29	13.96	323	33.765	217	45.53	216
29	16.598	310	43.98	144	14.179	175	61.65	303	41.80	20	17.19	342	33.982	181	47.69	212
Juli 9	16.908	242	45.42	170	14.354	127	64.68	305	42.00	13	20.61	352	34.163	142	49.81	205
19	17.150	167	47.12	190	14.481	77	67.73	299	42.13	4	24.13	354	34.305	99	51.86	193
28*)	[27] 17.317	90	49.02	203	[29] 14.558	25	70.72	286	[29] 42.17	—4	27.67	346	[30] 34.404	55	53.79	176
Aug. 7	17.407	11	51.05	210	14.583	—26	73.58	267	42.13	12	31.13	332	34.459	10	55.55	157
17	17.418	—66	53.15	209	14.557	75	76.25	243	42.01	20	34.45	311	34.469	—34	57.12	134
27	17.352	138	55.24	200	14.482	119	78.68	213	41.81	27	37.56	282	34.435	73	58.46	110
Sept. 6	17.214	202	57.24	183	14.363	158	80.81	180	41.54	34	40.38	248	34.362	107	59.56	86
16	17.012	254	59.07	159	14.205	190	82.61	144	41.20	39	42.86	207	34.255	135	60.42	59
26	16.758	293	60.66	128	14.015	212	84.05	103	40.81	42	44.93	163	34.120	155	61.01	33
Okt. 6	16.465	315	61.94	92	13.803	227	85.08	60	40.39	46	46.56	113	33.965	167	61.34	7
16	16.150	323	62.86	51	13.576	231	85.68	16	39.93	47	47.69	61	33.798	170	61.41	—20
26	15.827	312	63.37	8	13.345	227	85.84	—29	39.46	47	48.30	5	33.628	163	61.21	45
Nov. 5	15.515	287	63.45	—35	13.118	213	85.55	75	38.99	46	48.35	—52	33.465	150	60.76	71
15	15.228	247	63.10	76	12.905	191	84.80	120	38.53	43	47.83	108	33.315	130	60.05	95
25	14.981	195	62.34	115	12.714	163	83.60	162	38.10	38	46.75	163	33.185	104	59.10	117
Dez. 5	14.786	135	61.19	150	12.551	129	81.98	200	37.72	34	45.12	214	33.081	73	57.93	137
15	14.651	70	59.69	180	12.422	91	79.98	233	37.38	27	42.98	259	33.008	41	56.56	154
25	14.581	0	57.89	203	12.331	49	77.65	259	37.11	20	40.39	297	32.967	6	55.02	164
35	14.581		55.86		12.282		75.06		36.91		37.42		32.961		53.38	
Mittl. Ort	13.777		58.97		12.132		60.66		38.65		19.73		32.198		42.48	
sec δ, tg δ	1.832		−1.535		1.240		+0.734		2.188		+1.946		1.019		+0.196	
a, *a′*	+4.7		+11.6		+2.3		+12.0		+1.0		+12.1		+2.9		+12.2	
b, *b′*	−0.06		+ 0.82		+0.03		+ 0.80		+0.08		+ 0.80		+0.01		+ 0.79	

*) Bei Stern 1535), 767) und 768) lies Juli 29.

Tag		770) 73 Draconis AR.		770) 73 Draconis Dekl.		769) α Indi AR.		769) α Indi Dekl.	
1944		20h 32m		+74° 45′		20h 33m		−47° 29′	
		s		″		s		″	
Jan.	1	12.72	37	57.80	309	35.028	26	24.71	163
	11	12.35	22	54.71	333	35.054	78	23.08	179
	21	12.13	6	51.38	346	35.132	130	21.29	189
	31	12.07	9	47.92	345	35.262	177	19.40	195
Febr.	10	12.16	25	44.47	331	35.439	222	17.45	197
	20	12.41	39	41.16	304	35.661	264	15.48	196
März	1	12.80	52	38.12	266	35.925	300	13.52	190
	11	13.32	64	35.46	219	36.225	334	11.62	183
	21	13.96	73	33.27	163	36.559	364	9.79	170
	31	14.69	80	31.64	102	36.923	389	8.09	155
Apr.	10	15.49	83	30.62	38	37.312	409	6.54	137
	20	16.32	85	30.24	25	37.721	422	5.17	114
	30	17.17	84	30.49	88	38.143	427	4.03	90
Mai	10	18.01	79	31.37	147	38.570	426	3.13	62
	20	18.80	73	32.84	199	38.996	415	2.51	33
	30	19.53	64	34.83	245	39.411	394	2.18	1
Juni	9	20.17	53	37.28	285	39.805	364	2.17	30
	19	20.70	42	40.13	314	40.169	325	2.47	60
	29	21.12	29	43.27	337	40.494	278	3.07	89
Juli	9	21.41	15	46.64	350	40.772	223	3.96	115
	19	21.56	1	50.14	356	40.995	163	5.11	138
	29	(30) 21.57	13	53.70	352	(30) 41.158	99	6.49	156
Aug.	7	21.44	26	57.22	342	41.257	35	8.05	167
	17	21.18	40	60.64	323	41.292	29	9.72	172
	27	20.78	52	63.87	297	41.263	90	11.44	170
Sept.	6	20.26	62	66.84	266	41.173	143	13.14	162
	16	19.64	71	69.50	228	41.030	187	14.76	147
	26	18.93	78	71.78	185	40.843	220	16.23	124
Okt.	6	18.15	84	73.63	136	40.623	242	17.47	98
	16	17.31	87	74.99	84	40.381	248	18.45	66
	26	16.44	88	75.83	28	40.133	242	19.11	32
Nov.	5	15.56	86	76.11	29	39.891	224	19.43	4
	15	14.70	83	75.82	87	39.667	193	19.39	39
	25	13.87	76	74.95	145	39.474	154	19.00	72
Dez.	5	13.11	68	73.50	198	39.320	107	18.28	103
	15	12.43	58	71.52	246	39.213	57	17.25	130
	25	11.85	45	69.06	288	39.156	3	15.95	152
	35	11.40		66.18		39.153		14.43	
Mittl. Ort		16.11		47.05		38.182		17.99	
sec δ, tg δ		3.805		+3.671		1.480		−1.091	
a, *a′*		−0.8		+12.4		+4.2		+12.5	
b, *b′*		+0.15		+ 0.79		−0.05		+ 0.78	

Tag		1539 29 Vulpeculae AR.		1539 29 Vulpeculae Dekl.		773) υ Capricorni AR.		773) υ Capricorni Dekl.	
1944		20h 35m		+21° 0′		20h 36m		−18° 20′	
		s		″		s		″	
Jan.	1	59.280	4	16.62	212	49.588	26	16.92	6
	11	59.276	32	14.50	217	49.614	61	16.98	3
	21	59.308	68	12.33	216	49.675	96	16.95	13
	31	59.376	103	10.17	205	49.771	129	16.82	24
Febr.	10	59.479	137	8.12	185	49.900	159	16.58	37
	20	59.616	170	6.27	157	50.059	189	16.21	51
März	1	59.786	201	4.70	123	50.248	215	15.70	65
	11	59.987	229	3.47	83	50.463	241	15.05	80
	21	60.216	254	2.64	39	50.704	264	14.25	94
	31	60.470	275	2.25	7	50.968	283	13.31	106
Apr.	10	60.745	291	2.32	53	51.251	299	12.25	116
	20	61.036	301	2.85	96	51.550	311	11.09	124
	30	61.337	306	3.81	137	51.861	318	9.85	126
Mai	10	61.643	303	5.18	173	52.179	317	8.59	126
	20	61.946	293	6.91	202	52.496	310	7.33	121
	30	62.239	275	8.93	225	52.806	296	6.12	113
Juni	9	62.514	251	11.18	242	53.102	274	4.99	100
	19	62.765	221	13.60	251	53.376	246	3.99	85
	29	62.986	183	16.11	254	53.622	212	3.14	67
Juli	9	63.169	142	18.65	251	53.834	171	2.47	48
	19	63.311	98	21.16	241	54.005	127	1.99	30
	29	(31) 63.409	52	23.57	226	(31) 54.132	80	1.69	10
Aug.	7	63.461	6	25.83	207	54.212	33	1.59	8
	17	63.467	39	27.90	185	54.245	13	1.67	23
	27	63.428	80	29.75	158	54.232	57	1.90	36
Sept.	6	63.348	115	31.33	129	54.175	94	2.26	47
	16	63.233	145	32.62	99	54.081	126	2.73	52
	26	63.088	166	33.61	66	53.955	148	3.25	56
Okt.	6	62.922	179	34.27	33	53.807	162	3.81	57
	16	62.743	184	34.60	2	53.645	166	4.38	55
	26	62.559	179	34.58	36	53.479	160	4.93	50
Nov.	5	62.380	167	34.22	70	53.319	147	5.43	45
	15	62.213	147	33.52	103	53.172	124	5.88	39
	25	62.066	122	32.49	134	53.048	96	6.27	32
Dez.	5	61.944	93	31.15	162	52.952	65	6.59	25
	15	61.851	60	29.53	186	52.887	29	6.84	18
	25	61.791	25	27.67	203	52.858	7	7.02	10
	35	61.766		25.64		52.865		7.12	
Mittl. Ort		61.155		12.83		51.821		13.82	
sec δ, tg δ		1.071		+0.384		1.054		−0.331	
a, *a′*		+2.7		+12.6		+3.4		+12.7	
b, *b′*		+0.02		+ 0.78		−0.01		+ 0.77	

Tag	774) α Delphini AR.		774) α Delphini Dekl.		777) α Cygni AR.		777) α Cygni Dekl.		775) β Pavonis AR.		775) β Pavonis Dekl.		780) ε Cygni AR.		780) ε Cygni Dekl.	
1944	$20^h 37^m$		$+15° 42'$		$20^h 39^m$		$+45° 4'$		$20^h 39^m$		$-66° 24'$		$20^h 43^m$		$+33° 45'$	
Jan. 1	0.260	2	51.04	188	29.341	65	53.63	286	51.26	3	31.59	255	54.761	35	40.36	253
11	0.262	37	49.16	193	29.276	14	50.77	302	51.23	7	29.04	274	54.726	6	37.83	265
21	0.299	71	47.23	188	29.262	36	47.75	307	51.30	16	26.30	284	54.732	47	35.18	268
31	0.370	105	45.35	178	29.298	87	44.68	301	51.46	25	23.46	287	54.779	89	32.50	260
Febr. 10	0.475	137	43.57	159	29.385	138	41.67	283	51.71	32	20.59	283	54.868	129	29.90	242
20	0.612	169	41.98	132	29.523	186	38.84	254	52.03	40	17.76	272	54.997	169	27.48	213
März 1	0.781	198	40.66	99	29.709	231	36.30	215	52.43	47	15.04	257	55.166	205	25.35	177
11	0.979	225	39.67	62	29.940	271	34.15	167	52.90	53	12.47	235	55.371	240	23.58	132
21	1.204	249	39.05	22	30.211	307	32.48	114	53.43	58	10.12	209	55.611	269	22.26	82
31	1.453	269	38.83	21	30.518	334	31.34	55	54.01	61	8.03	179	55.880	294	21.44	30
Apr. 10	1.722	285	39.04	62	30.852	355	30.79	4	54.62	65	6.24	145	56.174	314	21.14	24
20	2.007	297	39.66	102	31.207	366	30.83	62	55.27	67	4.79	108	56.488	325	21.38	76
30	2.304	300	40.68	138	31.573	369	31.45	118	55.94	68	3.71	69	56.813	330	22.14	126
Mai 10	2.604	299	42.06	169	31.942	361	32.63	170	56.62	67	3.02	27	57.143	327	23.40	172
20	2.903	290	43.75	195	32.303	345	34.33	215	57.29	65	2.75	16	57.470	315	25.12	211
30	3.193	274	45.70	213	32.648	319	36.48	254	57.94	62	2.91	57	57.785	295	27.23	243
Juni 9	3.467	251	47.83	227	32.967	284	39.02	284	58.56	57	3.48	99	58.080	268	29.66	268
19	3.718	221	50.10	233	33.251	243	41.86	307	59.13	50	4.47	137	58.348	234	32.34	287
29	3.939	185	52.43	234	33.494	194	44.93	322	59.63	43	5.84	171	58.582	193	35.21	296
Juli 9	4.124	146	54.77	228	33.688	142	48.15	328	60.06	34	7.55	200	58.775	147	38.17	298
19	4.270	102	57.05	216	33.830	85	51.43	326	60.40	25	9.55	225	58.922	99	41.15	294
29	[31] 4.372	57	59.21	201	[1] 33.915	27	54.69	317	[1] 60.65	14	11.80	241	[2] 59.021	49	44.09	283
Aug. 7	4.429	12	61.22	182	33.942	30	57.86	302	60.79	4	14.21	249	59.070	1	46.92	266
17	4.441	31	63.04	160	33.912	84	60.88	279	60.83	7	16.70	249	59.069	50	49.58	244
27	4.410	72	64.64	135	33.828	135	63.67	251	60.76	17	19.19	239	59.019	95	52.02	216
Sept. 6	4.338	107	65.99	107	33.693	179	66.18	218	60.59	26	21.58	220	58.924	135	54.18	184
16	4.231	136	67.06	80	33.514	216	68.36	179	60.33	33	23.78	193	58.789	166	56.02	150
26	4.095	158	67.86	50	33.298	244	70.15	138	60.00	39	25.71	158	58.623	192	57.52	111
Okt. 6	3.937	170	68.36	21	33.054	263	71.53	93	59.61	44	27.29	115	58.431	208	58.63	72
16	3.767	174	68.57	10	32.791	272	72.46	45	59.17	45	28.44	69	58.223	215	59.35	29
26	3.593	169	68.47	40	32.519	271	72.91	5	58.72	45	29.13	18	58.008	214	59.64	15
Nov. 5	3.424	157	68.07	69	32.248	260	72.86	56	58.27	43	29.31	33	57.794	203	59.49	59
15	3.267	138	67.38	97	31.988	240	72.30	106	57.84	39	28.98	83	57.591	185	58.90	101
25	3.129	113	66.41	124	31.748	212	71.24	154	57.45	32	28.15	131	57.406	160	57.89	143
Dez. 5	3.016	84	65.17	148	31.536	178	69.70	199	57.13	25	26.84	174	57.246	130	56.46	181
15	2.932	52	63.69	167	31.358	138	67.71	238	56.88	17	25.10	211	57.116	96	54.65	214
25	2.880	18	62.02	181	31.220	92	65.33	270	56.71	8	22.99	242	57.020	58	52.51	239
35	2.862		60.21		31.128		62.63		56.63		20.57		56.962		50.12	
Mittl. Ort	2.148		48.19		31.276		45.90		56.22		22.81		56.608		34.36	
sec δ, tg δ	1.039		+0.281		1.416		+1.003		2.498		−2.290		1.203		+0.668	
a, *a'*	+2.8		+12.7		+2.0		+12.9		+5.4		+12.9		+2.4		+13.1	
b, *b'*	+0.01		+ 0.77		+0.04		+ 0.77		−0.10		+ 0.77		+0.03		+ 0.75	

Tag		783) η Cephei				781) ε Aquarii				785) β Indi				786) 32 Vulpeculae			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944		20h 44m		+61° 36′		20h 44m		−9° 41′		20h 50m		−58° 39′		20h 52m		+27° 50′	
Jan.	1	6.93 s	17	85.02″	300	36.651 s	16	69.26″	55	23.033 s	20	70.76″	217	8.480 s	31	42.18″	230
	11	6.76	10	82.02	324	36.667	49	69.81	48	23.013	—50	68.59	237	8.449	—6	39.88	240
	21	6.66	1	78.78	336	36.716	82	70.29	40	23.063	118	66.22	251	8.455	44	37.48	242
	31	6.65	—7	75.42	334	36.798	113	70.69	27	23.181	182	63.71	257	8.499	81	35.06	234
Febr.	10	6.72	15	72.08	320	36.911	144	70.96	12	23.363	243	61.14	259	8.580	120	32.72	217
	20	6.87	23	68.88	294	37.055	172	71.08	—5	23.606	300	58.55	254	8.700	156	30.55	191
März	1	7.10	30	65.94	256	37.227	200	71.03	25	23.906	352	56.01	244	8.856	191	28.64	156
	11	7.40	36	63.38	208	37.427	225	70.78	47	24.258	399	53.57	230	9.047	223	27.08	114
	21	7.76	42	61.30	154	37.652	248	70.31	68	24.657	441	51.27	211	9.270	252	25.94	68
	31	8.18	46	59.76	93	37.900	269	69.63	89	25.098	476	49.16	187	9.522	277	25.26	19
Apr.	10	8.64	49	58.83	29	38.169	285	68.74	107	25.574	504	47.29	160	9.799	297	25.07	—30
	20	9.13	50	58.54	—34	38.454	298	67.67	124	26.078	525	45.69	129	10.096	310	25.37	80
	30	9.63	51	58.88	95	38.752	306	66.43	136	26.603	535	44.40	94	10.406	317	26.17	126
Mai	10	10.14	49	59.83	153	39.058	306	65.07	143	27.138	535	43.46	59	10.723	316	27.43	166
	20	10.63	46	61.36	205	39.364	300	63.64	147	27.673	524	42.87	20	11.039	307	29.09	203
	30	11.09	42	63.41	251	39.664	288	62.17	145	28.197	502	42.67	—19	11.346	291	31.12	232
Juni	9	11.51	36	65.92	289	39.952	268	60.72	139	28.699	467	42.86	58	11.637	267	33.44	254
	19	11.87	31	68.81	318	40.220	240	59.33	129	29.166	420	43.44	95	11.904	236	35.98	270
	29	12.18	23	71.99	340	40.460	208	58.04	116	29.586	363	44.39	129	12.140	198	38.68	277
Juli	9	12.41	16	75.39	352	40.668	169	56.88	100	29.949	297	45.68	161	12.338	156	41.45	278
	19	12.57	8	78.91	357	40.837	127	55.88	82	30.246	222	47.29	187	12.494	111	44.23	273
	29	12.65	0	82.48	353	40.964	82	55.06	63	30.468	142	49.16	206	12.605	63	46.96	261
Aug.	7	[2] 12.65	9	86.01	341	[2] 41.046	37	54.43	44	[4] 30.610	60	51.22	218	[4] 12.668	14	49.57	243
	17	12.56	16	89.42	322	41.083	—8	53.99	25	30.670	—23	53.40	224	12.682	—32	52.00	222
	27	12.40	23	92.64	296	41.075	50	53.74	9	30.647	101	55.64	220	12.650	75	54.22	196
Sept.	6	12.17	29	95.60	264	41.025	86	53.65	—7	30.546	173	57.84	207	12.575	113	56.18	166
	16	11.88	35	98.24	226	40.939	117	53.72	20	30.373	234	59.91	187	12.462	146	57.84	134
	26	11.53	39	100.50	183	40.822	140	53.92	31	30.139	282	61.78	159	12.316	171	59.18	98
Okt.	6	11.14	42	102.33	135	40.682	153	54.23	40	29.857	316	63.37	124	12.145	186	60.16	62
	16	10.72	44	103.68	82	40.529	158	54.63	47	29.541	333	64.61	83	11.959	194	60.78	23
	26	10.28	44	104.50	29	40.371	154	55.10	51	29.208	334	65.44	39	11.765	194	61.01	—16
Nov.	5	9.84	44	104.79	—28	40.217	142	55.61	56	28.874	317	65.83	—6	11.571	184	60.85	56
	15	9.40	41	104.51	86	40.075	123	56.17	58	28.557	285	65.77	52	11.387	168	60.29	94
	25	8.99	38	103.65	140	39.952	97	56.75	59	28.272	240	65.25	96	11.219	146	59.35	131
Dez.	5	8.61	33	102.25	193	39.855	68	57.34	60	28.032	186	64.29	136	11.073	118	58.04	165
	15	8.28	28	100.32	241	39.787	36	57.94	59	27.846	124	62.93	172	10.955	86	56.39	195
	25	8.00	22	97.91	279	39.751	2	58.53	57	27.722	57	61.21	202	10.869	51	54.44	217
	35	7.78		95.12		39.749		59.10		27.665		59.19		10.818		52.27	
Mittl. Ort		9.18		75.02		38.729		67.23		26.919		61.41		10.288		37.21	
sec δ, tg δ		2.104		+1.851		1.015		−0.171		1.923		−1.643		1.131		+0.528	
a, *a′*		+1.2		+13.2		+3.2		+13.2		+4.7		+13.6		+2.6		+13.7	
b, *b′*		+0.08		+ 0.75		−0.01		+ 0.75		−0.07		+ 0.74		+0.02		+ 0.73	

Tag	788) ν Cygni AR.		788) ν Cygni Dekl.		790) ζ Microscopii AR.		790) ζ Microscopii Dekl.		793) 61 Cygni *pr*[1]) AR.		793) 61 Cygni *pr*[1]) Dekl.		794) ν Aquarii AR.		794) ν Aquarii Dekl.	
1944	$20^h\ 55^m$		$+40°\ 56'$		$20^h\ 59^m$		$-38°\ 50'$		$21^h\ 4^m$		$+38°\ 28'$		$21^h\ 6^m$		$-11°\ 35'$	
	s		"		s		"		s		"		s		"	
Jan. 1	3.168	67	70.12	265	20.940	1	73.18	112	21.210	56	29.78	246	30.668	3	62.02	40
11	3.101	23	67.47	284	20.939	42	72.06	129	21.154	14	27.32	263	30.665	29	62.42	33
21	3.078	22	64.63	290	20.981	84	70.77	144	21.140	29	24.69	269	30.694	61	62.75	23
31	3.100	69	61.73	286	21.065	125	69.33	156	21.169	74	22.00	266	30.755	92	62.98	9
Febr. 10	3.169	117	58.87	270	21.190	164	67.77	165	21.243	118	19.34	251	30.847	123	63.07	5
20	3.286	161	56.17	244	21.354	201	66.12	171	21.361	162	16.83	225	30.970	153	63.02	23
März 1	3.447	204	53.73	208	21.555	236	64.41	175	21.523	203	14.58	190	31.123	182	62.79	43
11	3.651	245	51.65	164	21.791	269	62.66	175	21.726	242	12.68	147	31.305	210	62.36	62
21	3.896	279	50.01	112	22.060	298	60.91	173	21.968	277	11.21	98	31.515	236	61.74	83
31	4.175	309	48.89	58	22.358	325	59.18	167	22.245	307	10.23	45	31.751	259	60.91	102
Apr. 10	4.484	332	48.31	1	22.683	348	57.51	158	22.552	330	9.78	11	32.010	279	59.89	119
20	4.816	346	48.30	55	23.031	365	55.93	145	22.882	346	9.89	66	32.289	296	58.70	133
30	5.162	353	48.85	110	23.396	376	54.48	128	23.228	354	10.55	118	32.585	306	57.37	144
Mai 10	5.515	351	49.95	160	23.772	380	53.20	108	23.582	353	11.73	167	32.891	311	55.93	151
20	5.866	339	51.55	204	24.152	375	52.12	85	23.935	344	13.40	211	33.202	309	54.42	152
30	6.205	318	53.59	242	24.527	363	51.27	58	24.279	325	15.51	248	33.511	298	52.90	148
Juni 9	6.523	289	56.01	273	24.890	342	50.69	30	24.604	298	17.99	278	33.809	282	51.42	141
19	6.812	252	58.74	296	25.232	311	50.39	0	24.902	264	20.77	299	34.091	258	50.01	130
29	7.064	209	61.70	311	25.543	272	50.39	28	25.166	223	23.76	314	34.349	227	48.71	115
Juli 9	7.273	160	64.81	317	25.815	228	50.67	55	25.389	176	26.90	321	34.576	190	47.56	97
19	7.433	108	67.98	318	26.043	177	51.22	82	25.565	126	30.11	319	34.766	148	46.59	78
29	7.541	53	71.16	309	26.220	121	52.04	104	25.691	73	33.30	312	34.914	104	45.81	57
Aug. 7*)	7.594	0	74.25	295	26.341	65	53.08	121	25.764	21	36.42	298	35.018	59	45.24	37
17	7.594	53	77.20	274	26.406	8	54.29	135	25.785	31	39.40	277	35.077	13	44.87	18
27	7.541	102	79.94	248	26.414	46	55.64	141	25.754	78	42.17	251	35.090	30	44.69	1
Sept. 6	7.439	145	82.42	217	26.368	95	57.05	142	25.676	121	44.68	220	35.060	68	44.70	16
16	7.294	182	84.59	182	26.273	137	58.47	137	25.555	157	46.88	186	34.992	101	44.86	30
26	7.112	211	86.41	142	26.136	170	59.84	125	25.398	186	48.74	148	34.891	127	45.16	40
Okt. 6	6.901	231	87.83	99	25.966	192	61.09	108	25.212	206	50.22	106	34.764	144	45.56	47
16	6.670	242	88.82	53	25.774	203	62.17	86	25.006	217	51.28	62	34.620	153	46.03	53
26	6.428	243	89.35	7	25.571	203	63.03	60	24.789	219	51.90	17	34.467	152	46.56	56
Nov. 5	6.185	235	89.42	42	25.368	191	63.63	33	24.570	212	52.07	30	34.315	144	47.12	58
15	5.950	220	89.00	90	25.177	170	63.96	4	24.358	198	51.77	76	34.171	128	47.70	57
25	5.730	196	88.10	136	25.007	141	64.00	25	24.160	177	51.01	120	34.043	107	48.27	56
Dez. 5	5.534	167	86.74	179	24.866	106	63.75	51	23.983	148	49.81	162	33.936	80	48.83	53
15	5.367	131	84.95	218	24.760	66	63.24	77	23.835	116	48.19	199	33.856	51	49.36	49
25	5.236	92	82.77	250	24.694	24	62.47	100	23.719	78	46.20	230	33.805	20	49.85	44
35	5.144		80.27		24.670		61.47		23.641		43.90		33.785		50.29	
Mittl. Ort	4.998		62.80		23.611		65.28		22.997		23.02		32.697		58.54	
sec δ, tg δ	1.324		+0.868		1.284		−0.806		1.277		+0.795		1.021		−0.205	
a, *a'*	+2.2		+13.9		+3.8		+14.1		+2.3		+14.4		+3.3		+14.6	
b, *b'*	+0.04		+ 0.72		−0.04		+ 0.71		+0.04		+ 0.69		−0.01		+ 0.69	

[1]) Die jährliche Parallaxe (0".299) ist bereits berücksichtigt.

*) Bei Stern 794) lies Aug. 8.

Tag	795) Br 2777 Ceph AR.		Dekl.		797) ζ Cygni AR.		Dekl.		800) α Equulei AR.		Dekl.		803) α Cephei AR.		Dekl.	
1944	21h 6m		+77° 53′		21h 10m		+29° 59′		21h 12m		+5° 0′		21h 17m		+62° 20′	
	s		″		s		″		s		″		s		″	
Jan. 1	35.76	61	71.47	275	31.306	52	52.26	225	59.617	18	54.98	125	12.56	23	63.22	273
11	35.15	44	68.72	308	31.254	16	50.01	240	59.599	12	53.73	125	12.33	16	60.49	305
21	34.71	26	65.64	331	31.238	21	47.61	245	59.611	44	52.48	120	12.17	8	57.44	324
31	34.45	7	62.33	340	31.259	59	45.16	240	59.655	75	51.28	110	12.09	0	54.20	332
Febr. 10	34.38	13	58.93	337	31.318	99	42.76	226	59.730	106	50.18	94	12.09	8	50.88	326
20	34.51	33	55.56	321	31.417	137	40.50	202	59.836	137	49.24	72	12.17	17	47.62	308
März 1	34.84	51	52.35	292	31.554	175	38.48	170	59.973	166	48.52	46	12.34	25	44.54	277
11	35.35	67	49.43	252	31.729	210	36.78	129	60.139	196	48.06	17	12.59	32	41.77	237
21	36.02	81	46.91	202	31.939	242	35.49	84	60.335	223	47.89	15	12.91	38	39.40	187
31	36.83	92	44.89	147	32.181	271	34.65	36	60.558	248	48.04	49	13.29	44	37.53	131
Apr. 10	37.75	99	43.42	86	32.452	294	34.29	15	60.806	269	48.53	81	13.73	48	36.22	70
20	38.74	104	42.56	23	32.746	311	34.44	65	61.075	285	49.34	111	14.21	50	35.52	8
30	39.78	104	42.33	39	33.057	322	35.09	112	61.360	297	50.45	137	14.71	52	35.44	54
Mai 10	40.82	102	42.72	100	33.379	323	36.21	156	61.657	302	51.82	161	15.23	52	35.98	114
20	41.84	96	43.72	156	33.702	318	37.77	195	61.959	299	53.43	178	15.75	50	37.12	169
30	42.80	87	45.28	208	34.020	304	39.72	227	62.258	290	55.21	190	16.25	46	38.81	218
Juni 9	43.67	76	47.36	253	34.324	282	41.99	252	62.548	273	57.11	197	16.71	42	40.99	262
19	44.43	63	49.89	290	34.606	253	44.51	271	62.821	249	59.08	197	17.13	36	43.61	297
29	45.06	48	52.79	320	34.859	216	47.22	281	63.070	218	61.05	193	17.49	30	46.58	325
Juli 9	45.54	31	55.99	342	35.075	175	50.03	286	63.288	183	62.98	184	17.79	23	49.83	344
19	45.85	15	59.41	355	35.250	130	52.89	282	63.471	143	64.82	170	18.02	14	53.27	356
29	46.00	2	62.96	360	35.380	81	55.71	274	63.614	99	66.52	154	18.16	7	56.83	358
Aug. 8	8 45.98	20	66.56	357	9 35.461	33	58.45	258	9 63.713	55	68.06	135	10 18.23	2	60.41	353
17	45.78	36	70.13	347	35.494	15	61.03	239	63.768	11	69.41	114	18.21	9	63.94	340
27	45.42	51	73.60	329	35.479	60	63.42	214	63.779	30	70.55	91	18.12	18	67.34	320
Sept 6	44.91	66	76.89	304	35.419	100	65.56	185	63.749	68	71.46	68	17.94	24	70.54	293
16	44.25	78	79.93	273	35.319	134	67.41	153	63.681	100	72.14	47	17.70	30	73.47	261
26	43.47	90	82.66	234	35.185	162	68.94	119	63.581	125	72.61	24	17.40	35	76.08	221
Okt. 6	42.57	98	85.00	191	35.023	182	70.13	81	63.456	142	72.85	2	17.05	40	78.29	176
16	41.59	104	86.91	141	34.841	192	70.94	43	63.314	151	72.87	18	16.65	42	80.05	128
26	40.55	109	88.32	88	34.649	195	71.37	3	63.163	152	72.69	37	16.23	43	81.33	75
Nov. 5	39.46	109	89.20	31	34.454	190	71.40	39	63.011	145	72.32	56	15.80	44	82.08	18
15	38.37	108	89.51	28	34.264	176	71.01	78	62.866	133	71.76	74	15.36	43	82.26	39
25	37.29	103	89.23	88	34.088	158	70.23	117	62.733	113	71.02	89	14.93	41	81.87	96
Dez. 5	36.26	95	88.35	146	33.930	133	69.06	154	62.620	89	70.13	103	14.52	37	80.91	152
15	35.31	84	86.89	200	33.797	104	67.52	186	62.531	63	69.10	114	14.15	33	79.39	203
25	34.47	72	84.89	248	33.693	72	65.66	212	62.468	34	67.96	121	13.82	27	77.36	248
35	33.75		82.41		33.621		63.54		62.434		66.75		13.55		74.88	
Mittl. Ort	39.21		59.23		33.038		46.89		61.444		55.10		14.58		52.22	
sec δ, tg δ	4.771		+4.665		1.155		+0.577		1.004		+0.088		2.155		+1.909	
a, *a′*	−1.2		+14.6		+2.6		+14.8		+3.0		+15.0		+1.4		+15.2	
b, *b′*	+0.23		+ 0.69		+0.03		+ 0.67		0.00		+ 0.67		+0.10		+ 0.65	

Tag	804) ι Pegasi AR.	Δ	804) ι Pegasi Dekl.	Δ	805) γ Pavonis[1] AR.	Δ	805) γ Pavonis[1] Dekl.	Δ	806) ζ Capricorni AR.	Δ	806) ζ Capricorni Dekl.	Δ	809) β Cephei AR.	Δ	809) β Cephei Dekl.	Δ
1944	21h 19m		+19° 33′		21h 21m		−65° 36′		21h 23m		−22° 39′		21h 27m		+70° 18′	
Jan. 1	27.983	40	53.47	184	45.92	12	89.19	239	26.243	18	24.65	20	54.44	39	65.27	261
11	27.943	8	51.63	193	45.80	3	86.80	267	26.225	15	24.45	34	54.05	29	62.66	297
21	27.935	24	49.70	194	45.77	6	84.13	288	26.240	49	24.11	49	53.76	18	59.69	322
31	27.959	59	47.76	189	45.83	13	81.25	299	26.289	81	23.62	64	53.58	6	56.47	335
Febr. 10	28.018	93	45.87	173	45.96	22	78.26	304	26.370	114	22.98	78	53.52	5	53.12	335
20	28.111	127	44.14	151	46.18	30	75.22	303	26.484	146	22.20	94	53.57	17	49.77	322
März 1	28.238	161	42.63	122	46.48	36	72.19	293	26.630	177	21.26	108	53.74	29	46.55	296
11	28.399	193	41.41	86	46.84	43	69.26	280	26.807	208	20.18	122	54.03	39	43.59	259
21	28.592	224	40.55	46	47.27	49	66.46	259	27.015	237	18.96	134	54.42	48	41.00	212
31	28.816	251	40.09	3	47.76	55	63.87	233	27.252	264	17.62	144	54.90	56	38.88	158
Apr. 10	29.067	274	40.06	40	48.31	58	61.54	204	27.516	287	16.18	152	55.46	63	37.30	99
20	29.341	292	40.46	82	48.89	62	59.50	169	27.803	306	14.66	155	56.09	66	36.31	37
30	29.633	305	41.28	122	49.51	64	57.81	130	28.109	321	13.11	154	56.75	68	35.94	26
Mai 10	29.938	309	42.50	158	50.15	66	56.51	89	28.430	329	11.57	150	57.43	68	36.20	88
20	30.247	307	44.08	189	50.81	65	55.62	44	28.759	329	10.07	141	58.11	65	37.08	145
30	30.554	296	45.97	213	51.46	63	55.18	1	29.088	322	8.66	128	58.76	62	38.53	198
Juni 9	30.850	279	48.10	232	52.09	58	55.17	45	29.410	308	7.38	111	59.38	55	40.51	244
19	31.129	253	50.42	244	52.67	55	55.62	88	29.718	285	6.27	91	59.93	48	42.95	285
29	31.382	221	52.86	249	53.22	49	56.50	129	30.003	254	5.36	69	60.41	39	45.80	316
Juli 9	31.603	183	55.35	248	53.71	41	57.79	166	30.257	217	4.67	45	60.80	30	48.96	340
19	31.786	142	57.83	242	54.12	32	59.45	198	30.474	176	4.22	20	61.10	19	52.36	356
29	31.928	97	60.25	230	54.44	23	61.43	225	30.650	130	4.02	3	61.29	9	55.92	363
Aug. 8	11 32.025	52	62.55	214	12 54.67	13	63.68	241	12 30.780	81	4.05	25	13 61.38	3	59.55	363
17	32.077	7	64.69	193	54.80	3	66.09	251	30.861	33	4.30	45	61.35	13	63.18	355
27	32.084	36	66.62	169	54.83	9	68.60	251	30.894	14	4.75	61	61.22	23	66.73	338
Sept. 6	32.048	75	68.31	143	54.74	17	71.11	242	30.880	56	5.36	73	60.99	33	70.11	316
16	31.973	108	69.74	115	54.57	25	73.53	224	30.824	93	6.09	82	60.66	42	73.27	286
26	31.865	135	70.89	85	54.32	32	75.77	195	30.731	123	6.91	84	60.24	48	76.13	248
Okt. 6	31.730	154	71.74	53	54.00	39	77.72	159	30.608	144	7.75	84	59.76	55	78.61	207
16	31.576	164	72.27	22	53.61	42	79.31	115	30.464	157	8.59	79	59.21	59	80.68	158
26	31.412	167	72.49	10	53.19	43	80.46	68	30.307	160	9.38	71	58.62	62	82.26	106
Nov. 5	31.245	163	72.39	42	52.76	42	81.14	15	30.147	154	10.09	59	58.00	64	83.32	49
15	31.082	152	71.97	74	52.34	41	81.29	36	29.993	141	10.68	47	57.36	63	83.81	9
25	30.930	134	71.23	104	51.93	36	80.93	89	29.852	120	11.15	33	56.73	61	83.72	69
Dez. 5	30.796	112	70.19	131	51.57	29	80.04	136	29.732	95	11.48	19	56.12	56	83.03	128
15	30.684	86	68.88	155	51.28	24	78.68	182	29.637	67	11.67	3	55.56	51	81.75	183
25	30.598	56	67.33	174	51.04	16	76.86	220	29.570	34	11.70	11	55.05	44	79.92	232
35	30.542		65.59		50.88		74.66		29.536		11.59		54.61		77.60	
Mittl. Ort	29.700		50.42		50.42		76.27		28.386		17.92		56.70		53.06	
sec δ, tg δ	1.061		+0.355		2.423		−2.207		1.084		−0.417		2.969		+2.795	
a, a′	+2.8		+15.3		+5.0		+15.5		+3.4		+15.5		+0.8		+15.8	
b, b′	+0.02		+ 0.64		−0.11		+ 0.64		−0.02		+ 0.63		+0.15		+ 0.62	

[1]) Die jährliche Parallaxe (0″.113) ist bereits berücksichtigt.

Scheinbare Sternörter 1944

Tag	808) β Aquarii AR.		808) β Aquarii Dekl.		811) 74 Cygni AR.		811) 74 Cygni Dekl.		810) ν Octantis AR.		810) ν Octantis Dekl.		815) ε Pegasi AR.		815) ε Pegasi Dekl.	
1944	21h 28m		−5° 48′		21h 34m		+40° 9′		21h 35m		−77° 38′		21h 41m		+9° 36′	
Jan. 1	34.829 s	24	69.86″	68	40.451 s	104	48.17″	234	12.04 s	37	40.89″	274	24.397 s	45	62.86″	135
11	34.805	$\overline{6}$	70.54	63	40.347	65	45.83	258	11.67	20	38.15	305	24.352	17	61.51	139
21	34.811	36	71.17	53	40.282	24	43.25	270	11.47	4	35.10	327	24.335	$\overline{13}$	60.12	137
31	34.847	66	71.70	40	40.258	$\overline{20}$	40.55	273	11.43	$\overline{13}$	31.83	340	24.348	44	58.75	129
Febr. 10	34.913	96	72.10	25	40.278	66	37.82	266	11.56	29	28.43	345	24.392	74	57.46	115
20	35.009	126	72.35	6	40.344	111	35.16	246	11.85	45	24.98	341	24.466	107	56.31	95
März 1	35.135	157	72.41	$\overline{17}$	40.455	158	32.70	218	12.30	59	21.57	330	24.573	140	55.36	69
11	35.292	187	72.24	40	40.613	202	30.52	179	12.89	73	18.27	311	24.713	171	54.67	39
21	35.479	215	71.84	64	40.815	243	28.73	134	13.62	84	15.16	286	24.884	203	54.28	6
31	35.694	241	71.20	89	41.058	279	27.39	83	14.46	95	12.30	255	25.087	231	54.22	$\overline{30}$
Apr. 10	35.935	265	70.31	112	41.337	310	26.56	30	15.41	104	9.75	219	25.318	257	54.52	65
20	36.200	284	69.19	132	41.647	334	26.26	$\overline{25}$	16.45	111	7.56	177	25.575	277	55.17	99
30	36.484	298	67.87	149	41.981	348	26.51	78	17.56	115	5.79	133	25.852	294	56.16	130
Mai 10	36.782	306	66.38	160	42.329	355	27.29	130	18.71	117	4.46	85	26.146	303	57.46	158
20	37.088	306	64.78	169	42.684	352	28.59	176	19.88	117	3.61	35	26.449	305	59.04	181
30	37.394	301	63.09	171	43.036	340	30.35	217	21.05	115	3.26	$\overline{15}$	26.754	299	60.85	198
Juni 9	37.695	286	61.38	168	43.376	318	32.52	251	22.20	108	3.41	65	27.053	286	62.83	210
19	37.981	265	59.70	161	43.694	287	35.03	278	23.28	100	4.06	114	27.339	266	64.93	214
29	38.246	237	58.09	150	43.981	250	37.81	299	24.28	90	5.20	159	27.605	238	67.07	214
Juli 9	38.483	203	56.59	135	44.231	206	40.80	310	25.18	76	6.79	199	27.843	204	69.21	209
19	38.686	163	55.24	117	44.437	157	43.90	315	25.94	60	8.78	235	28.047	165	71.30	199
29	38.849	121	54.07	96	44.594	106	47.05	313	26.54	43	11.13	262	28.212	124	73.29	185
Aug. 8	13 38.970	76	53.11	76	15 44.700	52	50.18	304	15 26.97	25	13.75	280	17 28.336	80	75.14	166
17	39.046	32	52.35	55	44.752	0	53.22	288	27.22	6	16.55	290	28.416	35	76.80	146
27	39.078	$\overline{11}$	51.80	34	44.752	51	56.10	267	27.28	$\overline{14}$	19.45	289	28.451	$\overline{6}$	78.26	123
Sept. 6	39.067	50	51.46	14	44.701	96	58.77	240	27.14	31	22.34	278	28.445	45	79.49	100
16	39.017	84	51.32	$\overline{3}$	44.605	137	61.17	209	26.83	49	25.12	255	28.400	80	80.49	75
26	38.933	111	51.35	19	44.468	171	63.26	173	26.34	63	27.67	223	28.320	107	81.24	51
Okt. 6	38.822	131	51.54	31	44.297	197	64.99	134	25.71	75	29.90	182	28.213	128	81.75	26
16	38.691	143	51.85	43	44.100	214	66.33	92	24.96	83	31.72	133	28.085	142	82.01	$\overline{3}$
26	38.548	146	52.28	52	43.886	223	67.25	47	24.13	89	33.05	78	27.943	147	82.04	21
Nov. 5	38.402	141	52.80	59	43.663	224	67.72	0	23.24	90	33.83	19	27.796	146	81.83	44
15	38.261	130	53.39	65	43.439	217	67.72	47	22.34	87	34.02	$\overline{41}$	27.650	138	81.39	65
25	38.131	113	54.04	68	43.222	203	67.25	94	21.47	81	33.61	100	27.512	124	80.74	84
Dez. 5	38.018	91	54.72	71	43.019	182	66.31	138	20.66	71	32.61	156	27.388	105	79.90	103
15	37.927	66	55.43	71	42.837	155	64.93	179	19.95	60	31.05	207	27.283	84	78.87	118
25	37.861	39	56.14	70	42.682	124	63.14	215	19.35	45	28.98	251	27.199	58	77.69	129
35	37.822		56.84		42.558		60.99		18.90		26.47		27.141		76.40	
Mittl. Ort	36.701		66.66		42.079		40.63		19.86		25.98		26.076		62.64	
sec δ, tg δ	1.005		−0.102		1.308		+0.844		4.672		−4.564		1.014		+0.169	
a, *a′*	+3.2		+15.8		+2.4		+16.1		+6.7		+16.2		+2.9		+16.5	
b, *b′*	−0.01		+ 0.61		+0.05		+ 0.59		−0.25		+ 0.59		+0.01		+ 0.57	

Tag		819) δ Capricorni AR.		Dekl.		821) π² Cygni AR.		Dekl.		823) 16 Pegasi AR.		Dekl.		822) γ Gruis AR.		Dekl.	
1944		21h 43m		−16° 22′		21h 44m		+49° 2′		21h 50m		+25° 39′		21h 50m		−37° 37′	
Jan.	1	55.180	34	62.91	15	41.662	154	68.71	239	29.137	76	43.45	187	30.269	56	56.46	91
	11	55.146	5	63.06	2	41.508	110	66.32	269	29.061	46	41.58	202	30.213	19	55.55	117
	21	55.141	25	63.08	11	41.398	62	63.63	288	29.015	14	39.56	210	30.194	18	54.38	139
	31	55.166	56	62.97	28	41.336	10	60.75	297	29.001	20	37.46	209	30.212	56	52.99	158
Febr.	10	55.222	88	62.69	44	41.326	45	57.78	294	29.021	56	35.37	200	30.268	95	51.41	174
	20	55.310	119	62.25	61	41.371	101	54.84	279	29.077	94	33.37	181	30.363	133	49.67	188
März	1	55.429	150	61.64	80	41.472	156	52.05	252	29.171	131	31.56	155	30.496	171	47.79	199
	11	55.579	180	60.84	98	41.628	211	49.53	216	29.302	168	30.01	121	30.667	208	45.80	205
	21	55.759	212	59.86	116	41.839	261	47.37	171	29.470	204	28.80	81	30.875	244	43.75	208
	31	55.971	241	58.70	132	42.100	305	45.66	120	29.674	238	27.99	38	31.119	278	41.67	208
Apr.	10	56.212	266	57.38	145	42.405	343	44.46	64	29.912	266	27.61	8	31.397	309	39.59	202
	20	56.478	289	55.93	156	42.748	371	43.82	7	30.178	291	27.69	53	31.706	335	37.57	193
	30	56.767	305	54.37	162	43.119	390	43.75	51	30.469	308	28.22	97	32.041	356	35.64	179
Mai	10	57.072	317	52.75	164	43.509	397	44.26	107	30.777	319	29.19	139	32.397	369	33.85	161
	20	57.389	321	51.11	162	43.906	395	45.33	159	31.096	320	30.58	176	32.766	376	32.24	137
	30	57.710	316	49.49	155	44.301	382	46.92	205	31.416	314	32.34	207	33.142	373	30.87	111
Juni	9	58.026	306	47.94	142	44.683	357	48.97	246	31.730	300	34.41	232	33.515	362	29.76	82
	19	58.332	285	46.52	127	45.040	323	51.43	279	32.030	278	36.73	251	33.877	340	28.94	49
	29	58.617	258	45.25	107	45.363	281	54.22	305	32.308	248	39.24	263	34.217	310	28.45	16
Juli	9	58.875	227	44.18	87	45.644	231	57.27	324	32.556	212	41.87	269	34.527	273	28.29	16
	19	59.102	188	43.31	63	45.875	177	60.51	334	32.768	172	44.56	268	34.800	228	28.45	49
	29	59.290	143	42.68	39	46.052	118	63.85	337	32.940	127	47.24	260	35.028	178	28.94	79
Aug.	8	[17] 59.433	98	42.29	16	[17] 46.170	59	67.22	332	33.067	80	49.84	249	35.206	123	29.73	105
	17*)	59.531	51	42.13	7	46.229	1	70.54	320	33.147	34	52.33	231	35.329	68	30.78	126
	27	59.582	8	42.20	26	46.228	58	73.74	302	[19] 33.181	10	54.64	209	[19] 35.397	14	32.04	142
Sept.	6	59.590	35	42.46	43	46.170	111	76.76	278	33.171	52	56.73	185	35.411	38	33.46	152
	16	59.555	73	42.89	56	46.059	158	79.54	248	33.119	88	58.58	156	35.373	85	34.98	154
	26	59.482	102	43.45	66	45.901	199	82.02	212	33.031	119	60.14	126	35.288	125	36.52	151
Okt.	6	59.380	126	44.11	71	45.702	230	84.14	171	32.912	143	61.40	93	35.163	155	38.03	139
	16	59.254	140	44.82	74	45.472	254	85.85	128	32.769	159	62.33	59	35.008	175	39.42	123
	26	59.114	147	45.56	72	45.218	269	87.13	79	32.610	167	62.92	23	34.833	186	40.65	101
Nov.	5	58.967	144	46.28	67	44.949	274	87.92	29	32.443	169	63.15	12	34.647	186	41.66	74
	15	58.823	135	46.95	62	44.675	270	88.21	23	32.274	164	63.03	49	34.461	178	42.40	45
	25	58.688	120	47.57	54	44.405	258	87.98	75	32.110	153	62.54	84	34.283	160	42.85	15
Dez.	5	58.568	100	48.11	43	44.147	238	87.23	126	31.957	136	61.70	117	34.123	137	43.00	16
	15	58.468	74	48.54	33	43.909	211	85.97	173	31.821	116	60.53	148	33.986	107	42.84	47
	25	58.394	49	48.87	22	43.698	177	84.24	216	31.705	90	59.05	173	33.879	74	42.37	76
	35	58.345		49.09		43.521		82.08		31.615		57.32		33.805		41.61	
Mittl. Ort		57.125		56.43		43.272		59.33		30.695		39.28		32.639		44.87	
sec δ, tg δ		1.042		−0.294		1.526		+1.152		1.109		+0.480		1.263		−0.771	
a, a′		+3.3		+16.6		+2.2		+16.7		+2.7		+16.9		+3.6		+16.9	
b, b′		−0.02		+ 0.56		+0.06		+ 0.56		+0.03		+ 0.54		−0.04		+ 0.54	

*) Bei Stern 823) und 822) lies Aug. 18.

Tag	827) α Aquarii AR.		827) α Aquarii Dekl.		830) 20 Cephei AR.		830) 20 Cephei Dekl.		828) ι Aquarii AR.		828) ι Aquarii Dekl.		829) α Gruis AR.		829) α Gruis Dekl.	
1944	22h 2m		−0° 35′		22h 3m		+62° 30′		22h 3m		−14° 8′		22h 4m		−47° 13′	
	s		″		s		″		s		″		s		″	
Jan. 1	52.793	52	36.69	86	16.59	29	55.24	226	23.045	49	38.68	26	40.142	93	73.38	131
11	52.741	27	37.55	84	16.30	24	52.98	265	22.996	23	38.94	14	40.049	52	72.07	162
21	52.714	0	38.39	76	16.06	17	50.33	296	22.973	— 5	39.08	— 1	39.997	8	70.45	189
31	52.714	29	39.15	65	15.89	9	47.37	314	22.978	34	39.07	17	39.989	— 37	68.56	211
Febr. 10	52.743	58	39.80	50	15.80	1	44.23	320	23.012	65	38.90	35	40.026	82	66.45	229
20	52.801	90	40.30	30	15.79	— 7	41.03	314	23.077	96	38.55	53	40.108	128	64.16	242
März 1	52.891	121	40.60	8	15.86	15	37.89	294	23.173	128	38.02	73	40.236	172	61.74	250
11	53.012	153	40.68	— 18	16.01	24	34.95	264	23.301	160	37.29	93	40.408	217	59.24	253
21	53.165	186	40.50	44	16.25	32	32.31	223	23.461	193	36.36	112	40.625	261	56.71	252
31	53.351	216	40.06	73	16.57	38	30.08	174	23.654	223	35.24	131	40.886	300	54.19	245
Apr. 10	53.567	243	39.33	100	16.95	44	28.34	119	23.877	251	33.93	146	41.186	338	51.74	232
20	53.810	268	38.33	125	17.39	48	27.15	60	24.128	276	32.47	160	41.524	370	49.42	216
30	54.078	288	37.08	147	17.87	51	26.55	— 1	24.404	296	30.87	169	41.894	396	47.26	194
Mai 10	54.366	300	35.61	166	18.38	52	26.56	61	24.700	310	29.18	174	42.290	415	45.32	167
20	54.666	307	33.95	178	18.90	53	27.17	118	25.010	318	27.44	174	42.705	425	43.65	137
30	54.973	305	32.17	187	19.43	51	28.35	172	25.328	316	25.70	168	43.130	424	42.28	102
Juni 9	55.278	296	30.30	190	19.94	47	30.07	221	25.644	308	24.02	159	43.554	414	41.26	65
19	55.574	280	28.40	188	20.41	43	32.28	263	25.952	292	22.43	145	43.968	393	40.61	26
29	55.854	255	26.52	180	20.84	38	34.91	297	26.244	268	20.98	127	44.361	362	40.35	— 13
Juli 9	56.109	225	24.72	168	21.22	32	37.88	326	26.512	237	19.71	106	44.723	322	40.48	52
19	56.334	189	23.04	153	21.54	24	41.14	345	26.749	200	18.65	83	45.045	272	41.00	89
29	56.523	149	21.51	134	21.78	16	44.59	356	26.949	159	17.82	59	45.317	217	41.89	122
Aug. 8	56.672	106	20.17	114	21.94	8	48.15	361	27.108	115	17.23	34	45.534	157	43.11	151
18	22 56.778	62	19.03	91	22 22.02	1	51.76	356	22 27.223	70	16.89	11	23 45.691	29	44.62	174
27	56.840	20	18.12	69	22.03	— 7	55.32	345	27.293	25	16.78	— 11	45.784	— 32	46.36	190
Sept. 6	56.860	— 20	17.43	47	21.96	15	58.77	326	27.318	— 17	16.89	30	45.813	32	48.26	198
16	56.840	56	16.96	26	21.81	22	62.03	300	27.301	55	17.19	46	45.781	87	50.24	198
26	56.784	86	16.70	7	21.59	27	65.03	268	27.246	86	17.65	59	45.694	136	52.22	190
Okt. 6	56.698	109	16.63	— 12	21.32	32	67.71	230	27.160	112	18.24	67	45.558	175	54.12	174
16	56.589	125	16.75	27	21.00	37	70.01	186	27.048	128	18.91	71	45.383	204	55.86	151
26	56.464	134	17.02	42	20.63	40	71.87	136	26.920	138	19.62	73	45.179	221	57.37	120
Nov. 5	56.330	135	17.44	53	20.23	41	73.23	84	26.782	140	20.35	71	44.958	227	58.57	85
15	56.195	131	17.97	64	19.82	42	74.07	27	26.642	134	21.06	67	44.731	221	59.42	47
25	56.064	120	18.61	73	19.40	42	74.34	— 31	26.508	122	21.73	61	44.510	205	59.89	7
Dez. 5	55.944	105	19.34	79	18.98	39	74.03	89	26.386	106	22.34	53	44.305	181	59.96	— 34
15	55.839	85	20.13	83	18.59	37	73.14	145	26.280	85	22.87	43	44.124	151	59.62	74
25	55.754	65	20.96	86	18.22	33	71.69	196	26.195	63	23.30	32	43.973	113	58.88	110
35	55.689		21.82		17.89		69.73		26.132		23.62		43.860		57.78	
Mittl. Ort	54.460		33.51		18.22		43.32		24.865		31.79		42.768		58.97	
sec δ, tg δ	1.000		−0.010		2.167		+1.922		1.031		−0.252		1.473		−1.081	
a, *a′*	+3.1		+17.5		+1.8		+17.5		+3.2		+17.5		+3.8		+17.6	
b, *b′*	0.00		+ 0.49		+0.11		+ 0.49		−0.01		+ 0.49		−0.06		+ 0.48	

Tag		834) ϑ Pegasi				835) π Pegasi				837) 24 Cephei				836) ζ Cephei			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944		22ʰ 7ᵐ		+5° 55′		22ʰ 7ᵐ		+32° 53′		22ʰ 8ᵐ		+72° 3′		22ʰ 8ᵐ		+57° 55′	
Jan.	1	20.849	59	16.64	111	28.357	106	75.90	194	42.24	51	68.04	214	52.931	247	40.29	219
	11	20.790	35	15.53	113	28.251	77	73.96	215	41.73	43	65.90	258	52.684	198	38.10	260
	21	20.755	8	14.40	110	28.174	43	71.81	229	41.30	32	63.32	294	52.486	142	35.50	287
	31	20.747	21	13.30	102	28.131	8	69.52	235	40.98	20	60.38	317	52.344	78	32.63	305
Febr.	10	20.768	51	12.28	88	28.123	32	67.17	229	40.78	7	57.21	329	52.266	9	29.58	311
	20	20.819	83	11.40	69	28.155	72	64.88	215	40.71	5	53.92	327	52.257	62	26.47	303
März	1	20.902	115	10.71	46	28.227	115	62.73	191	40.76	19	50.65	313	52.319	135	23.44	285
	11	21.017	148	10.25	18	28.342	157	60.82	159	40.95	31	47.52	286	52.454	206	20.59	254
	21	21.165	182	10.07	12	28.499	197	59.23	120	41.26	43	44.66	248	52.660	272	18.05	214
	31	21.347	213	10.19	43	28.696	236	58.03	75	41.69	53	42.18	201	52.932	333	15.91	167
Apr.	10	21.560	241	10.62	76	28.932	270	57.28	28	42.22	62	40.17	147	53.265	384	14.24	112
	20	21.801	266	11.38	107	29.202	298	57.00	22	42.84	68	38.70	89	53.649	425	13.12	54
	30	22.067	287	12.45	134	29.500	319	57.22	70	43.52	72	37.81	28	54.074	453	12.58	6
Mai	10	22.354	300	13.79	159	29.819	332	57.92	117	44.24	74	37.53	34	54.527	469	12.64	64
	20	22.654	306	15.38	179	30.151	337	59.09	160	44.98	74	37.87	93	54.996	471	13.28	120
	30	22.960	306	17.17	193	30.488	333	60.69	197	45.72	71	38.80	150	55.467	459	14.48	173
Juni	9	23.266	297	19.10	202	30.821	320	62.66	230	46.43	67	40.30	202	55.926	434	16.21	220
	19	23.563	280	21.12	206	31.141	298	64.96	255	47.10	60	42.32	247	56.360	398	18.41	262
	29	23.843	256	23.18	204	31.439	269	67.51	273	47.70	52	44.79	287	56.758	351	21.03	294
Juli	9	24.099	225	25.22	197	31.708	233	70.24	286	48.22	43	47.66	319	57.109	296	23.97	321
	19	24.324	190	27.19	185	31.941	191	73.10	291	48.65	33	50.85	343	57.405	233	27.18	340
	29	24.514	150	29.04	169	32.132	145	76.01	288	48.98	21	54.28	359	57.638	166	30.58	350
Aug.	8	24.664	107	30.73	152	32.277	97	78.89	281	49.19	10	57.87	367	57.804	96	34.08	353
	18	23 24.771	64	32.25	130	23 32.374	49	81.70	268	24 49.29	1	61.54	369	24 57.900	26	37.61	349
	27	24.835	22	33.55	108	32.423	1	84.38	248	49.28	13	65.23	361	57.926	43	41.10	337
Sept.	6	24.857	18	34.63	85	32.424	43	86.86	225	49.15	23	68.84	346	57.883	109	44.47	318
	16	24.839	54	35.48	61	32.381	82	89.11	198	48.92	33	72.30	324	57.774	168	47.65	292
	26	24.785	84	36.09	39	32.299	117	91.09	167	48.59	43	75.54	294	57.606	221	50.57	260
Okt.	6	24.701	107	36.48	17	32.182	144	92.76	132	48.16	51	78.48	258	57.385	266	53.17	222
	16	24.594	124	36.65	3	32.038	164	94.08	96	47.65	57	81.06	215	57.119	301	55.39	180
	26	24.470	134	36.62	24	31.874	177	95.04	56	47.08	62	83.21	167	56.818	328	57.19	131
Nov.	5	24.336	136	36.38	42	31.697	184	95.60	16	46.46	66	84.88	113	56.490	343	58.50	79
	15	24.200	133	35.96	59	31.513	182	95.76	25	45.80	67	86.01	55	56.147	350	59.29	25
	25	24.067	123	35.37	74	31.331	174	95.51	66	45.13	68	86.56	5	55.797	345	59.54	32
Dez.	5	23.944	109	34.63	88	31.157	162	94.85	106	44.45	66	86.51	65	55.452	331	59.22	87
	15	23.835	91	33.75	99	30.995	143	93.79	142	43.79	61	85.86	125	55.121	307	58.35	141
	25	23.744	71	32.76	107	30.852	121	92.37	175	43.18	56	84.61	181	54.814	272	56.94	192
	35	23.673		31.69		30.731		90.62		42.62		82.80		54.542		55.02	
Mittl. Ort		22.439		18.13		29.812		70.03		44.08		54.77		54.444		29.03	
sec δ, tg δ		1.005		+0.104		1.191		+0.647		3.247		+3.090		1.883		+1.596	
a, *a′*		+3.0		+17.7		+2.7		+17.7		+1.1		+17.7		+2.1		+17.7	
b, *b′*		+0.01		+ 0.47		+0.04		+ 0.47		+0.18		+ 0.47		+0.09		+ 0.47	

Scheinbare Sternörter 1944

Tag	840) ϑ Aquarii AR.		840) ϑ Aquarii Dekl.		841) α Tucanae AR.		841) α Tucanae Dekl.		842) γ Aquarii AR.		842) γ Aquarii Dekl.		844) β Lacertae AR.		844) β Lacertae Dekl.	
1944	$22^h\ 13^m$		−8° 3′		$22^h\ 14^m$		−60° 32′		$22^h\ 18^m$		−1° 39′		$22^h\ 21^m$		+51° 56′	
Jan. 1	51.080	57	52.00	53	37.67	18	39.54	182	44.230	62	76.67	79	19.783	206	62.90	206
11	51.023	32	52.53	44	37.49	12	37.72	220	44.168	39	77.46	75	19.577	168	60.84	242
21	50.991	7	52.97	33	37.37	6	35.52	251	44.129	13	78.21	67	19.409	123	58.42	270
31	50.984	22	53.30	19	37.31	1	33.01	276	44.116	14	78.88	55	19.286	71	55.72	288
Febr. 10	51.006	51	53.49	1	37.32	7	30.25	292	44.130	43	79.43	41	19.215	15	52.84	293
20	51.057	82	53.50	17	37.39	14	27.33	304	44.173	74	79.84	21	19.200	45	49.91	287
März 1	51.139	114	53.33	39	37.53	20	24.29	309	44.247	106	80.05	1	19.245	107	47.04	269
11	51.253	146	52.94	62	37.73	27	21.20	306	44.353	139	80.04	26	19.352	168	44.35	241
21	51.399	179	52.32	84	38.00	32	18.14	297	44.492	172	79.78	52	19.520	227	41.94	203
31	51.578	210	51.48	107	38.32	38	15.17	282	44.664	204	79.26	79	19.747	281	39.91	156
Apr. 10	51.788	240	50.41	129	38.70	43	12.35	261	44.868	234	78.47	105	20.028	329	38.35	105
20	52.028	266	49.12	148	39.13	47	9.74	235	45.102	261	77.42	130	20.357	368	37.30	50
30	52.294	287	47.64	162	39.60	51	7.39	203	45.363	283	76.12	150	20.725	398	36.80	7
Mai 10	52.581	303	46.02	174	40.11	54	5.36	167	45.646	298	74.62	168	21.123	415	36.87	64
20	52.884	310	44.28	180	40.65	55	3.69	127	45.944	307	72.94	181	21.538	422	37.51	118
30	53.194	312	42.48	181	41.20	55	2.42	83	46.251	308	71.13	188	21.960	416	38.69	169
Juni 9	53.506	305	40.67	177	41.75	54	1.59	37	46.559	302	69.25	191	22.376	399	40.38	213
19	53.811	290	38.90	168	42.29	52	1.22	10	46.861	287	67.34	187	22.775	372	42.51	253
29	54.101	267	37.22	155	42.81	48	1.32	55	47.148	266	65.47	180	23.147	333	45.04	286
Juli 9	54.368	238	35.67	138	43.29	43	1.87	99	47.414	237	63.67	167	23.480	287	47.90	310
19	54.606	203	34.29	118	43.72	36	2.86	141	47.651	202	62.00	151	23.767	235	51.00	328
29	54.809	164	33.11	96	44.08	29	4.27	177	47.853	163	60.49	132	24.002	177	54.28	337
Aug. 8	54.973	121	32.15	73	44.37	22	6.04	208	48.016	122	59.17	111	24.179	116	57.65	341
18	[25] 55.094	77	31.42	49	[25] 44.59	13	8.12	230	[26] 48.138	78	58.06	88	[27] 24.295	55	61.06	335
27	55.171	33	30.93	27	44.72	4	10.42	245	48.216	36	57.18	65	24.350	6	64.41	324
Sept. 6	55.204	7	30.66	5	44.76	4	12.87	250	48.252	4	56.53	43	24.344	63	67.65	306
16	55.197	45	30.61	14	44.72	12	15.37	246	48.248	41	56.10	21	24.281	116	70.71	280
26	55.152	76	30.75	30	44.60	20	17.83	231	48.207	72	55.89	2	24.165	164	73.51	251
Okt. 6	55.076	102	31.05	44	44.40	25	20.14	207	48.135	98	55.87	15	24.001	203	76.02	214
16	54.974	119	31.49	53	44.15	29	22.21	175	48.037	115	56.02	31	23.798	235	78.16	173
26	54.855	130	32.02	61	43.86	33	23.96	135	47.922	126	56.33	44	23.563	260	79.89	128
Nov. 5	54.725	133	32.63	66	43.53	34	25.31	89	47.796	131	56.77	54	23.303	274	81.17	79
15	54.592	130	33.29	67	43.19	33	26.20	39	47.665	128	57.31	64	23.029	282	81.96	26
25	54.462	121	33.96	68	42.86	33	26.59	11	47.537	121	57.95	71	22.747	280	82.22	26
Dez. 5	54.341	106	34.64	66	42.53	29	26.48	63	47.416	108	58.66	75	22.467	270	81.96	79
15	54.235	89	35.30	62	42.24	26	25.85	112	47.308	92	59.41	79	22.197	251	81.17	131
25	54.146	68	35.92	56	41.98	20	24.73	157	47.216	73	60.20	79	21.946	226	79.86	177
35	54.078		36.48		41.78		23.16		47.143		60.99		21.720		78.09	
Mittl. Ort	52.773		46.30		41.02		22.40		45.832		72.62		21.162		52.67	
sec δ, tg δ	1.010		−0.142		2.033		−1.770		1.000		−0.029		1.622		+1.278	
a, *a′*	+3.2		+17.9		+4.1		+18.0		+3.1		+18.1		+2.4		+18.2	
b, *b′*	−0.01		+ 0.45		−0.11		+ 0.44		0.00		+ 0.43		+0.08		+ 0.42	

Tag	848) α Lacertae AR.		848) α Lacertae Dekl.		850) η Aquarii AR.		850) η Aquarii Dekl.		851) 31 Cephei AR.		851) 31 Cephei Dekl.		852) 10 Lacertae AR.		852) 10 Lacertae Dekl.	
1944	$22^h\ 28^m$		+49° 59′		$22^h\ 32^m$		−0° 24′		$22^h\ 34^m$		+73° 20′		$22^h\ 36^m$		+38° 45′	
	s		″		s		″		s		″		s		″	
Jan. 1	57.410	198	48.75	196	27.193	71	28.23	81	21.55	60	81.99	180	43.349	146	37.10	179
11	57.212	163	46.79	233	27.122	50	29.04	79	20.95	51	80.19	230	43.203	119	35.31	208
21	57.049	122	44.46	260	27.072	26	29.83	71	20.44	42	77.89	271	43.084	87	33.23	230
31	56.927	74	41.86	278	27.046	0	30.54	60	20.02	30	75.18	301	42.997	51	30.93	242
Febr. 10	56.853	21	39.08	285	27.046	28	31.14	46	19.72	17	72.17	320	42.946	10	28.51	244
20	56.832	35	36.23	279	27.074	60	31.60	27	19.55	3	68.97	326	42.936	34	26.07	237
März 1	56.867	94	33.44	263	27.134	92	31.87	5	19.52	11	65.71	318	42.970	81	23.70	219
11	56.961	154	30.81	236	27.226	125	31.92	20	19.63	25	62.53	299	43.051	129	21.51	192
21	57.115	211	28.45	199	27.351	159	31.72	46	19.88	39	59.54	267	43.180	176	19.59	157
31	57.326	264	26.46	154	27.510	193	31.26	74	20.27	51	56.87	225	43.356	221	18.02	114
Apr. 10	57.590	312	24.92	104	27.703	225	30.52	101	20.78	60	54.62	176	43.577	263	16.88	68
20	57.902	351	23.88	50	27.928	253	29.51	126	21.38	69	52.86	121	43.840	297	16.20	18
30	58.253	382	23.38	6	28.181	276	28.25	148	22.07	75	51.65	62	44.137	326	16.02	33
Mai 10	58.635	401	23.44	61	28.457	295	26.77	168	22.82	79	51.03	1	44.463	346	16.35	82
20	59.036	410	24.05	115	28.752	305	25.09	181	23.61	80	51.02	59	44.809	356	17.17	130
30	59.446	407	25.20	165	29.057	309	23.28	191	24.41	78	51.61	117	45.165	357	18.47	172
Juni 9	59.853	392	26.85	209	29.366	305	21.37	194	25.19	75	52.78	171	45.522	348	20.19	211
19	60.245	368	28.94	248	29.671	292	19.43	193	25.94	69	54.49	220	45.870	330	22.30	243
29	60.613	334	31.42	280	29.963	272	17.50	186	26.63	62	56.69	263	46.200	303	24.73	269
Juli 9	60.947	290	34.22	305	30.235	246	15.64	175	27.25	53	59.32	300	46.503	268	27.42	287
19	61.237	240	37.27	323	30.481	212	13.89	160	27.78	42	62.32	330	46.771	228	30.29	299
29	61.477	186	40.50	333	30.693	174	12.29	141	28.20	31	65.62	351	46.999	182	33.28	304
Aug. 8	61.663	128	43.83	335	30.867	134	10.88	120	28.51	20	69.13	365	47.181	133	36.32	302
18	61.791	68	47.18	332	31.001	91	9.68	98	28.71	7	72.78	371	47.314	82	39.34	295
28	61.859	11	50.50	320	31.092	49	8.70	74	28.78	4	76.49	370	47.396	34	42.29	280
Sept. 6	[29] 61.870	45	53.70	303	[30] 31.141	8	7.96	52	[30] 28.74	17	80.19	360	[31] 47.430	14	45.09	261
16	61.825	96	56.73	278	31.149	28	7.44	30	28.57	27	83.79	343	47.416	58	47.70	237
26	61.729	143	59.51	249	31.121	61	7.14	9	28.30	38	87.22	319	47.358	97	50.07	209
Okt. 6	61.586	181	62.00	214	31.060	87	7.05	10	27.92	46	90.41	287	47.261	130	52.16	175
16	61.405	214	64.14	175	30.973	106	7.15	25	27.46	55	93.28	248	47.131	156	53.91	139
26	61.191	237	65.89	130	30.867	120	7.40	40	26.91	62	95.76	203	46.975	176	55.30	100
Nov. 5	60.954	254	67.19	83	30.747	126	7.80	52	26.29	67	97.79	151	46.799	188	56.30	57
15	60.700	262	68.02	32	30.621	126	8.32	62	25.62	70	99.30	96	46.611	195	56.87	14
25	60.438	261	68.34	20	30.495	122	8.94	70	24.92	72	100.26	36	46.416	194	57.01	31
Dez. 5	60.177	254	68.14	72	30.373	111	9.64	76	24.20	72	100.62	24	46.222	187	56.70	75
15	59.923	238	67.42	122	30.262	97	10.40	80	23.48	69	100.38	86	46.035	176	55.95	117
25	59.685	215	66.20	168	30.165	81	11.20	81	22.79	64	99.52	145	45.859	158	54.78	156
35	59.470		64.52		30.084		12.01		22.15		98.07		45.701		53.22	
Mittl. Ort	58.731		38.90		28.715		24.07		23.08		68.25		44.627		29.90	
sec δ, tg δ	1.556		+1.192		1.000		−0.007		3.490		+3.344		1.282		+0.803	
a, *a′*	+2.5		+18.5		+3.1		+18.6		+1.4		+18.7		+2.7		+18.7	
b, *b′*	+0.07		+ 0.39		0.00		+ 0.37		+0.21		+ 0.36		+0.05		+ 0.36	

Tag	855) ζ Pegasi AR.		Dekl.		856) β Gruis AR.		Dekl.		857) η Pegasi AR.		Dekl.		859) λ Pegasi AR.		Dekl.	
1944	22h 38m		+10° 32′		22h 39m		−47° 10′		22h 40m		+29° 55′		22h 43m		+23° 16′	
Jan. 1	38.645	84	17.70	116	17.586	132	57.75	109	21.106	118	45.20	162	48.529	105	16.53	146
11	38.561	62	16.54	122	17.454	96	56.66	146	20.988	96	43.58	185	48.424	84	15.07	164
21	38.499	39	15.32	123	17.358	57	55.20	179	20.892	69	41.73	200	48.340	60	13.43	175
31	38.460	13	14.09	119	17.301	16	53.41	207	20.823	37	39.73	208	48.280	31	11.68	178
Febr. 10	38.447	$\overline{17}$	12.90	108	17.285	$\overline{28}$	51.34	230	20.786	$\underline{2}$	37.65	207	48.249	$\overline{2}$	9.90	175
20	38.464	48	11.82	92	17.313	72	49.04	249	20.784	36	35.58	197	48.251	37	8.15	162
März 1	38.512	82	10.90	71	17.385	118	46.55	263	20.820	77	33.61	177	48.288	74	6.53	142
11	38.594	118	10.19	44	17.503	166	43.92	270	20.897	119	31.84	150	48.362	113	5.11	116
21	38.712	153	9.75	13	17.669	211	41.22	274	21.016	162	30.34	116	48.475	154	3.95	83
31	38.865	189	9.62	$\overline{19}$	17.880	257	38.48	271	21.178	202	29.18	77	48.629	192	3.12	45
Apr. 10	39.054	222	9.81	53	18.137	299	35.77	263	21.380	240	28.41	33	48.821	228	2.67	6
20	39.276	252	10.34	87	18.436	338	33.14	249	21.620	274	28.08	$\overline{13}$	49.049	260	2.61	$\overline{36}$
30	39.528	276	11.21	118	18.774	371	30.65	229	21.894	300	28.21	57	49.309	287	2.97	78
Mai 10	39.804	295	12.39	147	19.145	397	28.36	205	22.194	320	28.78	102	49.596	307	3.75	117
20	40.099	307	13.86	172	19.542	415	26.31	175	22.514	331	29.80	143	49.903	318	4.92	152
30	40.406	310	15.58	192	19.957	423	24.56	141	22.845	334	31.23	180	50.221	323	6.44	184
Juni 9	40.716	306	17.50	206	20.380	421	23.15	103	23.179	328	33.03	211	50.544	317	8.28	210
19	41.022	293	19.56	215	20.801	407	22.12	63	23.507	312	35.14	237	50.861	305	10.38	230
29	41.315	274	21.71	218	21.208	384	21.49	21	23.819	289	37.51	256	51.166	283	12.68	244
Juli 9	41.589	246	23.89	215	21.592	351	21.28	$\overline{22}$	24.108	258	40.07	269	51.449	254	15.12	253
19	41.835	214	26.04	208	21.943	308	21.50	62	24.366	221	42.76	276	51.703	220	17.65	254
29	42.049	176	28.12	196	22.251	256	22.12	101	24.587	180	45.52	275	51.923	181	20.19	250
Aug. 8	42.225	135	30.08	180	22.507	200	23.13	136	24.767	135	48.27	270	52.104	139	22.69	242
18	42.360	93	31.88	161	22.707	139	24.49	165	24.902	89	50.97	258	52.243	95	25.11	227
28	42.453	51	33.49	139	22.846	77	26.14	187	24.991	44	53.55	242	52.338	50	27.38	210
Sept. 6	31 42.504	10	34.88	117	31 22.923	15	28.01	203	1 25.035	0	55.97	221	1 52.388	9	29.48	188
16	42.514	$\overline{27}$	36.05	92	22.938	$\overline{43}$	30.04	210	25.035	41	58.18	196	52.397	$\overline{30}$	31.36	163
26	42.487	58	36.97	69	22.895	96	32.14	207	24.994	76	60.14	169	52.367	64	32.99	137
Okt. 6	42.429	86	37.66	44	22.799	140	34.21	197	24.918	106	61.83	139	52.303	92	34.36	109
16	42.343	106	38.10	$\overline{22}$	22.659	176	36.18	178	24.812	130	63.22	105	52.211	116	35.45	78
26	42.237	121	38.32	2	22.483	200	37.96	152	24.682	147	64.27	70	52.095	132	36.23	47
Nov. 5	42.116	128	38.30	24	22.283	216	39.48	118	24.535	159	64.97	34	51.963	142	36.70	16
15	41.988	131	38.06	44	22.067	219	40.66	81	24.376	163	65.31	$\overline{4}$	51.821	146	36.86	$\overline{17}$
25	41.857	127	37.62	64	21.848	213	41.47	40	24.213	162	65.27	42	51.675	145	36.69	48
Dez. 5	41.730	119	36.98	81	21.635	198	41.87	$\overline{2}$	24.051	155	64.85	78	51.530	139	36.21	78
15	41.611	107	36.17	97	21.437	175	41.85	45	23.896	145	64.07	113	51.391	129	35.43	107
25	41.504	91	35.20	109	21.262	148	41.40	87	23.751	129	62.94	143	51.262	113	34.36	132
35	41.413		34.11		21.114		40.53		23.622		61.51		51.149		33.04	
Mittl. Ort	40.048		18.67		19.934		40.92		22.393		40.42		49.828		13.73	
sec δ, tg δ	1.017		+0.186		1.471		−1.079		1.154		+0.576		1.089		+0.430	
a, *a′*	+3.0		+18.8		+3.6		+18.8		+2.8		+18.8		+2.9		+18.9	
b, *b′*	+0.01		+ 0.35		−0.07		+ 0.34		+0.04		+ 0.34		+0.03		+ 0.33	

Tag	860) ε Gruis AR.		860) ε Gruis Dekl.		863) ι Cephei AR.		863) ι Cephei Dekl.		1599) 69 G. Gruis AR.		1599) 69 G. Gruis Dekl.		864) λ Aquarii AR.		864) λ Aquarii Dekl.	
1944	$22^h\ 45^m$		−51° 36′		$22^h\ 47^m$		+65° 54′		$22^h\ 47^m$		−39° 26′		$22^h\ 49^m$		−7° 52′	
	s		″		s		″		s		″		s		″	
Jan. 1	8.455	158	60.59	123	39.55	40	33.09	172	49.239	114	89.83	72	40.100	80	48.17	53
11	8.297	120	59.36	162	39.15	35	31.37	221	49.125	86	89.11	105	40.020	60	48.70	43
21	8.177	78	57.74	198	38.80	29	29.16	260	49.039	54	88.06	137	39.960	39	49.13	30
31	8.099	32	55.76	227	38.51	21	26.56	290	48.985	19	86.69	165	39.921	13	49.43	15
Febr. 10	8.067	16	53.49	252	38.30	12	23.66	308	48.966	17	85.04	188	39.908	14	49.58	2
20	8.083	64	50.97	270	38.18	3	20.58	314	48.983	56	83.16	210	39.922	44	49.56	22
März 1	8.147	116	48.27	284	38.15	6	17.44	308	49.039	96	81.06	227	39.966	76	49.34	44
11	8.263	167	45.43	291	38.21	16	14.36	289	49.135	138	78.79	239	40.042	111	48.90	66
21	8.430	218	42.52	292	38.37	26	11.47	258	49.273	181	76.40	248	40.153	146	48.24	90
31	8.648	267	39.60	287	38.63	35	8.89	218	49.454	221	73.92	251	40.299	180	47.34	113
Apr. 10	8.915	315	36.73	276	38.98	42	6.71	170	49.675	261	71.41	250	40.479	213	46.21	135
20	9.230	357	33.97	260	39.40	49	5.01	117	49.936	298	68.91	242	40.692	245	44.86	154
30	9.587	393	31.37	238	39.89	54	3.84	59	50.234	329	66.49	231	40.937	271	43.32	170
Mai 10	9.980	423	28.99	209	40.43	57	3.25	1	50.563	354	64.18	213	41.208	292	41.62	183
20	10.403	443	26.90	177	41.00	59	3.26	59	50.917	372	62.05	190	41.500	306	39.79	189
30	10.846	454	25.13	139	41.59	59	3.85	116	51.289	381	60.15	162	41.806	313	37.90	192
Juni 9	11.300	452	23.74	98	42.18	57	5.01	169	51.670	381	58.53	130	42.119	311	35.98	188
19	11.752	440	22.76	55	42.75	53	6.70	217	52.051	370	57.23	95	42.430	303	34.10	181
29	12.192	416	22.21	11	43.28	49	8.87	259	52.421	352	56.28	58	42.733	285	32.29	167
Juli 9	12.608	382	22.10	34	43.77	42	11.46	295	52.773	322	55.70	18	43.018	260	30.62	150
19	12.990	336	22.44	78	44.19	36	14.41	323	53.095	285	55.52	20	43.278	230	29.12	130
29	13.326	282	23.22	117	44.55	27	17.64	345	53.380	240	55.72	58	43.508	193	27.82	107
Aug. 8	13.608	222	24.39	154	44.82	20	21.09	358	53.620	190	56.30	93	43.701	154	26.75	82
18	13.830	157	25.93	184	45.02	11	24.67	364	53.810	137	57.23	123	43.855	111	25.93	57
28	13.987	88	27.77	207	45.13	2	28.31	361	53.947	82	58.46	149	43.966	68	25.36	33
Sept. 6	14.075	21	29.84	222	45.15	6	31.92	353	54.029	28	59.95	168	44.034	27	25.03	9
16	14.096	43	32.06	228	45.09	14	35.45	335	54.057	24	61.63	178	44.061	11	24.94	13
26	14.053	101	34.34	225	44.95	22	38.80	312	54.033	69	63.41	183	44.050	45	25.07	30
Okt. 6	13.952	152	36.59	213	44.73	28	41.92	280	53.964	109	65.24	178	44.005	74	25.37	46
16	13.800	192	38.72	191	44.45	34	44.72	242	53.855	141	67.02	167	43.931	95	25.83	57
26	13.608	223	40.63	162	44.11	39	47.14	199	53.714	164	68.69	147	43.836	112	26.40	65
Nov. 5	13.385	240	42.25	125	43.72	43	49.13	149	53.550	177	70.16	121	43.724	120	27.05	70
15	13.145	247	43.50	84	43.29	45	50.62	96	53.373	181	71.37	92	43.604	124	27.75	72
25	12.898	243	44.34	40	42.84	47	51.58	38	53.192	177	72.29	58	43.480	121	28.47	72
Dez. 5	12.655	228	44.74	7	42.37	46	51.96	21	53.015	167	72.87	21	43.359	113	29.19	69
15	12.427	205	44.67	54	41.91	46	51.75	81	52.848	149	73.08	15	43.246	103	29.88	63
25	12.222	176	44.13	98	41.45	43	50.94	137	52.699	127	72.93	51	43.143	87	30.51	57
35	12.046		43.15		41.02		49.57		52.572		72.42		43.056		31.08	
Mittl. Ort	10.935		42.56		40.78		20.23		51.276		74.09		41.604		41.09	
sec δ, tg δ	1.610		−1.262		2.449		+2.236		1.295		−0.823		1.010		−0.138	
a, *a′*	+3.6		+19.0		+2.1		+19.1		+3.4		+19.1		+3.1		+19.1	
b, *b′*	−0.08		+ 0.32		+0.14		+ 0.31		−0.05		+ 0.31		−0.01		+ 0.30	

Scheinbare Sternörter 1944

Tag	865) ρ Indi AR.		865) ρ Indi Dekl.		866) δ Aquarii AR.		866) δ Aquarii Dekl.		867) α Piscis austr.[1] AR.		867) α Piscis austr.[1] Dekl.		869) o Andromedae AR.		869) o Andromedae Dekl.	
1944	22h 50m		−70° 22′		22h 51m		−16° 6′		22h 54m		−29° 54′		22h 59m		+42° 1′	
	s		"		s		"		s		"		s		"	
Jan. 1	43.57	38	45.19	188	39.217	84	78.45	23	31.853	97	83.91	30	19.189	173	37.07	161
11	43.19	30	43.31	234	39.133	63	78.68	5	31.756	75	83.61	60	19.016	149	35.46	195
21	42.89	23	40.97	273	39.070	40	78.73	13	31.681	48	83.01	85	18.867	120	33.51	221
31	42.66	13	38.24	304	39.030	14	78.60	32	31.633	19	82.16	112	18.747	85	31.30	239
Febr. 10	42.53	3	35.20	328	39.016	14	78.28	52	31.614	14	81.04	135	18.662	43	28.91	247
20	42.50	6	31.92	344	39.030	44	77.76	74	31.628	47	79.69	157	18.619	2	26.44	245
März 1	42.56	15	28.48	351	39.074	78	77.02	94	31.675	83	78.12	177	18.621	52	23.99	233
11	42.71	25	24.97	351	39.152	112	76.08	115	31.758	121	76.35	193	18.673	103	21.66	210
21	42.96	35	21.46	342	39.264	147	74.93	136	31.879	160	74.42	207	18.776	155	19.56	178
31	43.31	43	18.04	328	39.411	183	73.57	153	32.039	197	72.35	217	18.931	205	17.78	139
Apr. 10	43.74	52	14.76	306	39.594	218	72.04	170	32.236	234	70.18	224	19.136	252	16.39	95
20	44.26	59	11.70	277	39.812	249	70.34	183	32.470	268	67.94	224	19.388	293	15.44	46
30	44.85	65	8.93	242	40.061	276	68.51	191	32.738	299	65.70	220	19.681	327	14.98	4
Mai 10	45.50	70	6.51	202	40.337	298	66.60	196	33.037	321	63.50	212	20.008	352	15.02	55
20	46.20	74	4.49	158	40.635	313	64.64	194	33.358	340	61.38	198	20.360	367	15.57	104
30	46.94	75	2.91	110	40.948	321	62.70	189	33.698	349	59.40	178	20.727	372	16.61	149
Juni 9	47.69	76	1.81	59	41.269	321	60.81	178	34.047	348	57.62	155	21.099	368	18.10	191
19	48.45	74	1.22	6	41.590	312	59.03	161	34.395	340	56.07	126	21.467	354	20.01	227
29	49.19	70	1.16	46	41.902	295	57.42	142	34.735	323	54.81	96	21.821	329	22.28	257
Juli 9	49.89	64	1.62	97	42.197	270	56.00	119	35.058	297	53.85	62	22.150	297	24.85	280
19	50.53	57	2.59	144	42.467	239	54.81	92	35.355	264	53.23	27	22.447	257	27.65	297
29	51.10	48	4.03	187	42.706	203	53.89	64	35.619	223	52.96	8	22.704	213	30.62	307
Aug. 8	51.58	37	5.90	224	42.909	161	53.25	36	35.842	180	53.04	41	22.917	164	33.69	309
18	51.95	25	8.14	253	43.070	117	52.89	9	36.022	132	53.45	71	23.081	114	36.78	306
28	52.20	14	10.67	274	43.187	74	52.80	17	36.154	83	54.16	97	23.195	63	39.84	296
Sept. 6	[3] 52.34	2	13.41	283	[3] 43.261	31	52.97	40	[4] 36.237	34	55.13	119	[5] 23.258	13	42.80	281
16	52.36	11	16.24	283	43.292	10	53.37	59	36.271	10	56.32	136	23.271	33	45.61	260
26	52.25	22	19.07	272	43.282	45	53.96	74	36.261	53	57.68	143	23.238	75	48.21	233
Okt. 6	52.03	31	21.79	249	43.237	75	54.70	85	36.208	86	59.11	147	23.163	112	50.54	204
16	51.72	40	24.28	215	43.162	99	55.55	91	36.122	114	60.58	142	23.051	143	52.58	168
26	51.32	47	26.43	175	43.063	116	56.46	93	36.008	134	62.00	132	22.908	168	54.26	130
Nov. 5	50.85	51	28.18	125	42.947	126	57.39	89	35.874	146	63.32	115	22.740	185	55.56	88
15	50.34	53	29.43	70	42.821	129	58.28	83	35.728	150	64.47	95	22.555	198	56.44	44
25	49.81	53	30.13	12	42.692	126	59.11	73	35.578	149	65.42	71	22.357	203	56.88	2
Dez. 5	49.28	52	30.25	46	42.566	119	59.84	61	35.429	140	66.13	43	22.154	202	56.86	48
15	48.76	47	29.79	104	42.447	107	60.45	47	35.289	125	66.56	14	21.952	195	56.38	93
25	48.29	41	28.75	158	42.340	91	60.92	32	35.164	107	66.70	14	21.757	182	55.45	135
35	47.88		27.17		42.249		61.24		35.057		66.56		21.575		54.10	
Mittl. Ort	47.60		24.31		40.804		68.76		33.640		70.15		20.319		29.17	
sec δ, tg δ	2.977		−2.804		1.041		−0.289		1.154		−0.576		1.346		+0.901	
a, a′	+4.2		+19.1		+3.2		+19.2		+3.3		+19.2		+2.8		+19.3	
b, b′ *	−0.18		+ 0.30		−0.02		+ 0.29		−0.04		+ 0.28		+0.06		+ 0.26	

[1]) Die jährliche Parallaxe (0".135) ist bereits berücksichtigt.

Tag	870) β Pegasi AR.		870) β Pegasi Dekl.		871) α Pegasi AR.		871) α Pegasi Dekl.		873) 88 Aquarii AR.		873) 88 Aquarii Dekl.		875) Br 3077 Cass¹) AR.		875) Br 3077 Cass¹) Dekl.	
1944	$23^h\ 1^m$		+27° 46′		$23^h\ 1^m$		+14° 54′		$23^h\ 6^m$		−21° 28′		$23^h\ 10^m$		+56° 51′	
	s		″		s		″		s		″		s		″	
Jan. 1	2.141	123	47.24	143	56.881	101	12.78	118	26.221	96	47.98	7	33.513	277	43.35	151
11	2.018	105	45.81	165	56.780	83	11.60	128	26.125	77	48.05	−16	33.236	248	41.84	196
21	1.913	82	44.16	181	56.697	62	10.32	134	26.048	54	47.89	39	32.988	207	39.88	233
31	1.831	53	42.35	189	56.635	38	8.98	133	25.994	30	47.50	62	32.781	158	37.55	263
Febr. 10	1.778	−22	40.46	189	56.597	−10	7.65	126	25.964	−2	46.88	85	32.623	100	34.92	281
20	1.756	15	38.57	182	56.587	23	6.39	113	25.962	30	46.03	107	32.523	35	32.11	288
März 1	1.771	55	36.75	165	56.610	57	5.26	94	25.992	63	44.96	129	32.488	−36	29.23	283
11	1.826	97	35.10	140	56.667	94	4.32	69	26.055	99	43.67	149	32.524	108	26.40	266
21	1.923	139	33.70	109	56.761	132	3.63	40	26.154	136	42.18	168	32.632	181	23.74	239
31	2.062	181	32.61	73	56.893	171	3.23	−7	26.290	173	40.50	184	32.813	250	21.35	202
Apr. 10	2.243	220	31.88	−32	57.064	207	3.16	28	26.463	210	38.66	196	33.063	314	19.33	157
20	2.463	257	31.56	11	57.271	240	3.44	64	26.673	244	36.70	206	33.377	369	17.76	107
30	2.720	287	31.67	53	57.511	268	4.08	99	26.917	274	34.64	210	33.746	415	16.69	53
Mai 10	3.007	309	32.20	96	57.779	291	5.07	131	27.191	299	32.54	210	34.161	449	16.16	−3
20	3.316	325	33.16	135	58.070	307	6.38	159	27.490	317	30.44	205	34.610	470	16.19	59
30	3.641	332	34.51	170	58.377	314	7.97	184	27.807	327	28.39	193	35.080	476	16.78	112
Juni 9	3.973	329	36.21	202	58.691	312	9.81	204	28.134	330	26.46	178	35.556	471	17.90	163
19	4.302	318	38.23	226	59.003	304	11.85	216	28.464	324	24.68	158	36.027	452	19.53	209
29	4.620	299	40.49	245	59.307	287	14.01	225	28.788	310	23.10	132	36.479	422	21.62	248
Juli 9	4.919	272	42.94	258	59.594	263	16.26	227	29.098	287	21.78	105	36.901	381	24.10	282
19	5.191	238	45.52	265	59.857	231	18.53	224	29.385	256	20.73	75	37.282	331	26.92	310
29	5.429	200	48.17	264	60.088	196	20.77	216	29.641	221	19.98	43	37.613	274	30.02	329
Aug. 8	5.629	158	50.81	260	60.284	156	22.93	202	29.862	180	19.55	11	37.887	214	33.31	341
18	5.787	113	53.41	250	60.440	115	24.95	186	30.042	137	19.44	−18	38.101	149	36.72	347
28	5.900	69	55.91	234	60.555	74	26.81	167	30.179	91	19.62	46	38.250	84	40.19	344
Sept. 6*)	5.969	26	58.25	215	60.629	33	28.48	145	30.270	47	20.08	70	38.334	19	43.63	336
16	5.995	−14	60.40	192	60.662	−6	29.93	122	30.317	5	20.78	90	38.353	−41	46.99	319
26	5.981	50	62.32	167	60.656	39	31.15	97	30.322	−33	21.68	104	38.312	99	50.18	298
Okt. 6	5.931	81	63.99	138	60.617	68	32.12	72	30.289	66	22.72	113	38.213	151	53.16	268
16	5.850	107	65.37	106	60.549	91	32.84	46	30.223	93	23.85	117	38.062	195	55.84	233
26	5.743	127	66.43	75	60.458	109	33.30	22	30.130	112	25.02	114	37.867	234	58.17	193
Nov. 5	5.616	140	67.18	41	60.349	120	33.52	−3	30.018	126	26.16	106	37.633	265	60.10	148
15	5.476	149	67.59	6	60.229	127	33.49	28	29.892	131	27.22	95	37.368	288	61.58	98
25	5.327	151	67.65	−29	60.102	129	33.21	50	29.761	132	28.17	79	37.080	302	62.56	45
Dez. 5	5.176	149	67.36	63	59.973	125	32.71	72	29.629	126	28.96	61	36.778	307	63.01	−10
15	5.027	143	66.73	95	59.848	118	31.99	91	29.503	117	29.57	41	36.471	304	62.91	65
25	4.884	130	65.78	125	59.730	106	31.08	108	29.386	103	29.98	19	36.167	289	62.26	117
35	4.754		64.53		59.624		30.00		29.283		30.17		35.878		61.09	
Mittl. Ort	3.324		43.36		58.133		12.93		27.789		36.04		34.527		32.16	
sec δ, tg δ	1.130		+0.527		1.035		+0.266		1.075		−0.393		1.829		+1.532	
a, *a′*	+2.9		+19.4		+3.0		+19.4		+3.2		+19.5		+2.6		+19.6	
b, *b′*	+0.03		+ 0.25		+0.02		+ 0.25		−0.03		+ 0.23		+0.10		+ 0.21	

¹) Die jährliche Parallaxe (0ʺ.146) ist bereits berücksichtigt.

*) Bei Stern 873) und 875) lies Sept. 7.

Scheinbare Sternörter 1944

Tag	877) γ Tucanae				878) γ Piscium				879) γ Sculptoris				880) τ Pegasi			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944	23h 14m		−58° 32′		23h 14m		+2° 58′		23h 15m		−32° 49′		23h 17m		+23° 25′	
	s		″		s		″		s		″		s		″	
Jan. 1	7.922	242	55.62	124	14.399	94	29.36	85	46.585	119	89.89	29	50.572	122	63.20	125
11	7.680	202	54.38	171	14.305	78	28.51	83	46.466	99	89.60	62	50.450	106	61.95	144
21	7.478	157	52.67	212	14.227	61	27.68	79	46.367	74	88.98	94	50.344	87	60.51	158
31	7.321	106	50.55	248	14.166	38	26.89	71	46.293	47	88.04	122	50.257	62	58.93	164
Febr. 10	7.215	51	48.07	278	14.128	13	26.18	58	46.246	15	86.82	149	50.195	33	57.29	163
20	7.164	7	45.29	300	14.115	17	25.60	41	46.231	18	85.33	174	50.162	0	55.66	156
März 1	7.171	68	42.29	316	14.132	49	25.19	21	46.249	55	83.59	195	50.162	37	54.10	141
11	7.239	130	39.13	326	14.181	85	24.98	3	46.304	95	81.64	213	50.199	78	52.69	117
21	7.369	193	35.87	328	14.266	120	25.01	29	46.399	135	79.51	227	50.277	119	51.52	89
31	7.562	254	32.59	323	14.386	158	25.30	57	46.534	176	77.24	238	50.396	161	50.63	55
Apr. 10	7.816	313	29.36	312	14.544	194	25.87	86	46.710	216	74.86	244	50.557	201	50.08	18
20	8.129	369	26.24	294	14.738	228	26.73	113	46.926	254	72.42	245	50.758	238	49.90	21
30	8.498	418	23.30	270	14.966	258	27.86	138	47.180	288	69.97	240	50.996	270	50.11	61
Mai 10	8.916	459	20.60	239	15.224	281	29.24	160	47.468	317	67.57	230	51.266	296	50.72	100
20	9.375	490	18.21	203	15.505	299	30.84	179	47.785	338	65.27	215	51.562	313	51.72	135
30	9.865	511	16.18	163	15.804	309	32.63	192	48.123	352	63.12	193	51.875	324	53.07	167
Juni 9	10.376	518	14.55	117	16.113	312	34.55	200	48.475	357	61.19	167	52.199	325	54.74	195
19	10.894	513	13.38	69	16.425	305	36.55	203	48.832	352	59.52	138	52.524	317	56.69	217
29	11.407	494	12.69	20	16.730	291	38.58	200	49.184	339	58.14	103	52.841	301	58.86	233
Juli 9	11.901	462	12.49	30	17.021	269	40.58	193	49.523	317	57.11	67	53.142	278	61.19	243
19	12.363	418	12.79	78	17.290	243	42.51	180	49.840	287	56.44	29	53.420	248	63.62	248
29	12.781	362	13.57	124	17.533	209	44.31	165	50.127	249	56.15	9	53.668	212	66.10	247
Aug. 8	13.143	296	14.81	165	17.742	170	45.96	145	50.376	205	56.24	45	53.880	173	68.57	240
18	13.439	224	16.46	201	17.912	131	47.41	123	50.581	158	56.69	78	54.053	131	70.97	228
28	13.663	147	18.47	229	18.043	91	48.64	100	50.739	109	57.47	109	54.184	89	73.25	213
Sept. 7	9 13.810	68	20.76	248	9 18.134	50	49.64	76	10 50.848	59	58.56	133	10 54.273	47	75.38	194
16	13.878	10	23.24	258	18.184	13	50.40	53	50.907	13	59.89	151	54.320	8	77.32	172
26	13.868	83	25.82	258	18.197	22	50.93	31	50.920	31	61.40	162	54.328	28	79.04	148
Okt. 6	13.785	149	28.40	246	18.175	51	51.24	10	50.889	70	63.02	166	54.300	60	80.52	121
16	13.636	206	30.86	225	18.124	75	51.34	8	50.819	102	64.68	163	54.240	85	81.73	93
26	13.430	251	33.11	195	18.049	93	51.26	26	50.717	125	66.31	151	54.155	107	82.66	64
Nov. 5	13.179	283	35.06	156	17.956	106	51.00	40	50.592	143	67.82	135	54.048	122	83.30	34
15	12.896	302	36.62	112	17.850	113	50.60	53	50.449	152	69.17	112	53.926	132	83.64	3
25	12.594	308	37.74	62	17.737	116	50.07	63	50.297	155	70.29	84	53.794	137	83.67	27
Dez. 5	12.286	302	38.36	9	17.621	114	49.44	72	50.142	150	71.13	54	53.657	138	83.40	56
15	11.984	285	38.45	43	17.507	108	48.72	78	49.992	142	71.67	22	53.519	134	82.84	84
25	11.699	259	38.02	95	17.399	98	47.94	82	49.850	126	71.89	11	53.385	127	82.00	109
35	11.440		37.07		17.301		47.12		49.724		71.78		53.258		80.91	
Mittl. Ort	10.437		34.64		15.671		33.75		48.267		74.31		51.685		60.94	
sec δ, tg δ	1.916		−1.635		1.001		+0.052		1.190		−0.645		1.090		+0.433	
a, *a′*	+3.5		+19.6		+3.1		+19.6		+3.2		+19.7		+3.0		+19.7	
b, *b′*	−0.11		+ 0.20		0.00		+ 0.20		−0.04		+ 0.19		+0.03		+ 0.18	

Tag	882) 4 Cassiopeiae AR.	Diff.	882) Dekl.	Diff.	884) κ Piscium AR.	Diff.	884) Dekl.	Diff.	885) 70 Pegasi AR.	Diff.	885) Dekl.	Diff.	888) 248 G. Aquarii AR.	Diff.	888) Dekl.	Diff.
1944	23h 22m		+61° 58′		23h 24m		+0° 56′		23h 26m		+12° 26′		23h 32m		−7° 46′	
	s		″		s		″		s		″		s		″	
Jan. 1	19.46	36	42.96	131	2.397	98	50.40	78	18.064	107	63.90	102	37.471	101	36.72	55
11	19.10	33	41.65	181	2.299	85	49.62	74	17.957	95	62.88	110	37.370	89	37.27	43
21	18.77	28	39.84	225	2.214	68	48.88	69	17.862	78	61.78	115	37.281	72	37.70	29
31	18.49	23	37.59	258	2.146	47	48.19	59	17.784	56	60.63	113	37.209	52	37.99	13
Febr. 10	18.26	16	35.01	283	2.099	22	47.60	45	17.728	31	59.50	107	37.157	28	38.12	5
20	18.10	9	32.18	295	2.077	6	47.15	28	17.697	1	58.43	94	37.129	0	38.07	25
März 1	18.01	0	29.23	296	2.083	39	46.87	8	17.696	33	57.49	77	37.129	31	37.82	47
11	18.01	8	26.27	284	2.122	73	46.79	16	17.729	69	56.72	54	37.160	66	37.35	71
21	18.09	17	23.43	261	2.195	110	46.95	41	17.798	108	56.18	26	37.226	103	36.64	94
31	18.26	25	20.82	227	2.305	148	47.36	68	17.906	147	55.92	4	37.329	140	35.70	117
Apr. 10	18.51	32	18.55	186	2.453	185	48.04	95	18.053	186	55.96	36	37.469	178	34.53	140
20	18.83	40	16.69	137	2.638	219	48.99	121	18.239	222	56.32	68	37.647	214	33.13	160
30	19.23	45	15.32	84	2.857	250	50.20	145	18.461	253	57.00	101	37.861	246	31.53	176
Mai 10	19.68	49	14.48	28	3.107	276	51.65	165	18.714	280	58.01	132	38.107	273	29.77	190
20	20.17	52	14.20	29	3.383	295	53.30	182	18.994	298	59.33	158	38.380	294	27.87	199
30	20.69	53	14.49	84	3.678	307	55.12	193	19.292	311	60.91	180	38.674	308	25.88	201
Juni 9	21.22	53	15.33	137	3.985	310	57.05	200	19.603	314	62.71	198	38.982	313	23.87	200
19	21.75	51	16.70	187	4.295	307	59.05	201	19.917	309	64.69	210	39.295	311	21.87	192
29	22.26	47	18.57	230	4.602	294	61.06	196	20.226	296	66.79	216	39.606	301	19.95	180
Juli 9	22.73	44	20.87	269	4.896	274	63.02	187	20.522	276	68.95	218	39.907	283	18.15	164
19	23.17	38	23.56	300	5.170	248	64.89	174	20.798	248	71.13	214	40.190	257	16.51	142
29	23.55	32	26.56	324	5.418	215	66.63	156	21.046	215	73.27	205	40.447	226	15.09	119
Aug. 8	23.87	25	29.80	342	5.633	179	68.19	135	21.261	179	75.32	191	40.673	190	13.90	93
18	24.12	18	33.22	352	5.812	139	69.54	113	21.440	140	77.23	175	40.863	151	12.97	66
28	24.30	11	36.74	355	5.951	99	70.67	89	21.580	99	78.98	155	41.014	110	12.31	39
Sept. 7	11 24.41	4	40.29	351	12 6.050	60	71.56	65	12 21.679	59	80.53	134	14 41.124	70	11.92	13
16	24.45	4	43.80	338	6.110	22	72.21	41	21.738	21	81.87	111	41.194	31	11.79	10
26	24.41	10	47.18	320	6.132	13	72.62	20	21.759	14	82.98	87	41.225	4	11.89	32
Okt. 6	24.31	17	50.38	294	6.119	43	72.82	1	21.745	43	83.85	63	41.221	36	12.21	48
16	24.14	22	53.32	261	6.076	68	72.81	19	21.702	69	84.48	40	41.185	63	12.69	62
26	23.92	27	55.93	223	6.008	88	72.62	34	21.633	89	84.88	18	41.122	83	13.31	72
Nov. 5	23.65	31	58.16	178	5.920	101	72.28	47	21.544	105	85.06	5	41.039	99	14.03	77
15	23.34	34	59.94	128	5.819	111	71.81	58	21.439	114	85.01	25	40.940	108	14.80	79
25	23.00	37	61.22	75	5.708	114	71.23	66	21.325	120	84.76	46	40.832	114	15.59	78
Dez. 5	22.63	38	61.97	18	5.594	114	70.57	71	21.205	121	84.30	63	40.718	115	16.37	75
15	22.25	38	62.15	39	5.480	110	69.86	76	21.084	117	83.67	79	40.603	111	17.12	68
25	21.87	37	61.76	96	5.370	102	69.10	77	20.967	111	82.88	94	40.492	105	17.80	60
35	21.50		60.80		5.268		68.33		20.856		81.94		40.387		18.40	
Mittl. Ort	20.33		30.77		3.630		55.77		19.201		65.44		38.728		28.13	
sec δ, tg δ	2.128		+1.879		1.000		+0.017		1.024		+0.221		1.009		−0.137	
a, a′	+2.7		+19.8		+3.1		+19.8		+3.0		+19.8		+3.1		+19.9	
b, b′	+0.12		+ 0.16		0.00		+ 0.16		+0.01		+ 0.15		−0.01		+ 0.12	

Tag		890) λ Andromedae AR.		890) λ Andromedae Dekl.		891) ι Andromedae AR.		891) ι Andromedae Dekl.		893) γ Cephei AR.		893) γ Cephei Dekl.		892) ι Piscium AR.		892) ι Piscium Dekl.	
1944		$23^h\ 34^m$		+46° 9′		$23^h\ 35^m$		+42° 57′		$23^h\ 36^m$		+77° 18′		$23^h\ 37^m$		+5° 19′	
Jan.	1	48.019	210	25.41	126	22.054	193	36.34	125	61.25	91	85.55	89	2.958	105	17.28	86
	11	47.809	194	24.15	166	21.861	178	35.09	162	60.34	85	84.66	148	2.853	94	16.42	87
	21	47.615	169	22.49	200	21.683	155	33.47	193	59.49	75	83.18	201	2.759	78	15.55	85
	31	47.446	137	20.49	226	21.528	125	31.54	217	58.74	64	81.17	246	2.681	60	14.70	79
Febr.	10	47.309	97	18.23	242	21.403	88	29.37	232	58.10	49	78.71	281	2.621	35	13.91	68
	20	47.212	51	15.81	249	21.315	45	27.05	236	57.61	32	75.90	305	2.586	8	13.23	53
März	1	47.161	2	13.32	245	21.270	4	24.69	231	57.29	14	72.85	316	2.578	25	12.70	34
	11	47.163	58	10.87	231	21.274	57	22.38	216	57.15	5	69.69	314	2.603	60	12.36	11
	21	47.221	115	8.56	206	21.331	111	20.22	191	57.20	23	66.55	300	2.663	97	12.25	14
	31	47.336	173	6.50	174	21.442	166	18.31	159	57.43	41	63.55	274	2.760	136	12.39	42
Apr.	10	47.509	228	4.76	134	21.608	218	16.72	119	57.84	58	60.81	238	2.896	175	12.81	71
	20	47.737	278	3.42	89	21.826	266	15.53	74	58.42	73	58.43	194	3.071	211	13.52	99
	30	48.015	321	2.53	41	22.092	306	14.79	27	59.15	84	56.49	142	3.282	244	14.51	127
Mai	10	48.336	355	2.12	10	22.398	340	14.52	21	59.99	93	55.07	87	3.526	271	15.78	150
	20	48.691	380	2.22	60	22.738	364	14.73	70	60.92	100	54.20	30	3.797	292	17.28	171
	30	49.071	393	2.82	108	23.102	377	15.43	116	61.92	102	53.90	29	4.089	306	18.99	186
Juni	9	49.464	396	3.90	153	23.479	381	16.59	159	62.94	102	54.19	87	4.395	312	20.85	198
	19	49.860	388	5.43	193	23.860	373	18.18	198	63.96	99	55.06	141	4.707	309	22.83	204
	29	50.248	370	7.36	229	24.233	356	20.16	231	64.95	93	56.47	192	5.016	298	24.87	203
Juli	9	50.618	342	9.65	259	24.589	330	22.47	258	65.88	86	58.39	238	5.314	281	26.90	199
	19	50.960	307	12.24	282	24.919	297	25.05	279	66.74	75	60.77	279	5.595	255	28.89	189
	29	51.267	264	15.06	299	25.216	257	27.84	294	67.49	64	63.56	312	5.850	224	30.78	175
Aug.	8	51.531	218	18.05	308	25.473	211	30.78	302	68.13	51	66.68	340	6.074	189	32.53	157
	18	51.749	168	21.13	312	25.684	163	33.80	303	68.64	38	70.08	359	6.263	151	34.10	137
	28	51.917	116	24.25	309	25.847	114	36.83	298	69.02	22	73.67	372	6.414	112	35.47	114
Sept.	7	14 52.033	64	27.34	300	15 25.961	65	39.81	289	15 69.24	8	77.39	377	15 6.526	72	36.61	91
	16	52.097	14	30.34	285	26.026	18	42.70	272	69.32	7	81.16	373	6.598	34	37.52	68
	26	52.111	32	33.19	264	26.044	26	45.42	251	69.25	21	84.89	363	6.632	0	38.20	45
Okt.	6	52.079	74	35.83	238	26.018	67	47.93	225	69.04	35	88.52	344	6.632	31	38.65	23
	16	52.005	112	38.21	207	25.951	102	50.18	194	68.69	49	91.96	316	6.601	57	38.88	3
	26	51.893	144	40.28	172	25.849	132	52.12	160	68.20	60	95.12	283	6.544	77	38.91	15
Nov.	5	51.749	171	42.00	133	25.717	158	53.72	122	67.60	72	97.95	240	6.467	94	38.76	31
	15	51.578	192	43.33	89	25.559	177	54.94	80	66.88	80	100.35	191	6.373	105	38.45	46
	25	51.386	208	44.22	44	25.382	190	55.74	36	66.08	87	102.26	136	6.268	111	37.99	58
Dez.	5	51.178	216	44.66	4	25.192	199	56.10	9	65.21	92	103.62	77	6.157	114	37.41	68
	15	50.962	219	44.62	51	24.993	201	56.01	54	64.29	95	104.39	15	6.043	112	36.73	77
	25	50.743	215	44.11	97	24.792	197	55.47	97	63.34	93	104.54	49	5.931	107	35.96	82
	35	50.528		43.14		24.595		54.50		62.41		104.05		5.824		35.14	
Mittl. Ort		48.894		16.80		22.946		28.58		61.69		71.27		4.085		21.53	
sec δ, tg δ		1.444		+1.041		1.366		+0.931		4.556		+4.445		1.004		+0.093	
a, *a′*		+2.9		+19.9		+2.9		+19.9		+2.5		+19.9		+3.1		+19.9	
b, *b′*		+0.07		+ 0.11		+0.06		+ 0.11		+0.29		+ 0.10		+0.01		+ 0.10	

Tag		894) ω^2 Aquarii				895) 41 H. Cephei				896) δ Sculptoris				898) φ Pegasi			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1944		$23^h\ 39^m$		$-14°\ 51'$		$23^h\ 45^m$		$+67°\ 29'$		$23^h\ 45^m$		$-28°\ 26'$		$23^h\ 49^m$		$+18°\ 48'$	
		s		″		s		″		s		″		s		″	
Jan.	1	47.859	107	28.11	38	12.46	47	57.23	94	59.330	128	39.68	2	37.148	124	33.46	101
	11	47.752	95	28.49	18	11.99	46	56.29	150	59.202	113	39.70	30	37.024	115	32.45	115
	21	47.657	78	28.67	2	11.53	40	54.79	199	59.089	96	39.40	60	36.909	101	31.30	126
	31	47.579	59	28.65	22	11.13	34	52.80	240	58.993	73	38.80	91	36.808	82	30.04	132
Febr.	10	47.520	35	28.43	45	10.79	27	50.40	273	58.920	47	37.89	119	36.726	58	28.72	131
	20	47.485	7	27.98	68	10.52	17	47.67	293	58.873	17	36.70	146	36.668	29	27.41	123
März	1	47.478	25	27.30	91	10.35	8	44.74	301	58.856	18	35.24	171	36.639	6	26.18	110
	11	47.503	60	26.39	113	10.27	4	41.73	298	58.874	55	33.53	192	36.645	44	25.08	90
	21	47.563	97	25.26	136	10.31	14	38.75	282	58.929	95	31.61	212	36.689	85	24.18	65
	31	47.660	136	23.90	157	10.45	24	35.93	254	59.024	137	29.49	227	36.774	128	23.53	36
Apr.	10	47.796	174	22.33	175	10.69	34	33.39	219	59.161	178	27.22	238	36.902	169	23.17	3
	20	47.970	211	20.58	191	11.03	43	31.20	174	59.339	218	24.84	245	37.071	209	23.14	32
	30	48.181	245	18.67	202	11.46	50	29.46	124	59.557	256	22.39	246	37.280	244	23.46	67
Mai	10	48.426	273	16.65	209	11.96	57	28.22	70	59.813	287	19.93	242	37.524	274	24.13	101
	20	48.699	297	14.56	212	12.53	60	27.52	13	60.100	313	17.51	231	37.798	298	25.14	133
	30	48.996	312	12.44	208	13.13	63	27.39	43	60.413	331	15.20	216	38.096	313	26.47	161
Juni	9	49.308	319	10.36	199	13.76	63	27.82	99	60.744	342	13.04	195	38.409	320	28.08	185
	19	49.627	319	8.37	186	14.39	62	28.81	150	61.086	343	11.09	169	38.729	319	29.93	203
	29	49.946	310	6.51	167	15.01	59	30.31	199	61.429	335	9.40	138	39.048	309	31.96	218
Juli	9	50.256	292	4.84	144	15.60	55	32.30	242	61.764	319	8.02	104	39.357	291	34.14	225
	19	50.548	269	3.40	117	16.15	49	34.72	280	62.083	294	6.98	68	39.648	266	36.39	228
	29	50.817	237	2.23	88	16.64	43	37.52	310	62.377	262	6.30	30	39.914	236	38.67	224
Aug.	8	51.054	201	1.35	59	17.07	34	40.62	333	62.639	224	6.00	8	40.150	201	40.91	217
	18	51.255	163	0.76	28	17.41	27	43.95	351	62.863	182	6.08	44	40.351	162	43.08	205
	28	51.418	121	0.48	2	17.68	18	47.46	361	63.045	138	6.52	76	40.513	123	45.13	190
Sept.	7	$_{16}$51.539	79	0.50	28	17.86	10	51.07	362	63.183	91	7.28	106	40.636	83	47.03	170
	16*)	51.618	39	0.78	53	$_{17}$17.96	0	54.69	356	$_{17}$63.274	46	8.34	129	$_{18}$40.719	45	48.73	149
	26	51.657	2	1.31	72	17.96	7	58.25	344	63.320	4	9.63	147	40.764	9	50.22	127
Okt.	6	51.659	32	2.03	87	17.89	16	61.69	324	63.324	34	11.10	156	40.773	24	51.49	102
	16	51.627	59	2.90	98	17.73	23	64.93	296	63.290	67	12.66	159	40.749	51	52.51	78
	26	51.568	83	3.88	102	17.50	29	67.89	261	63.223	94	14.25	156	40.698	74	53.29	53
Nov.	5	51.485	99	4.90	102	17.21	36	70.50	220	63.129	114	15.81	144	40.624	94	53.82	28
	15	51.386	111	5.92	98	16.85	41	72.70	172	63.015	129	17.25	127	40.530	108	54.10	3
	25	51.275	117	6.90	90	16.44	44	74.42	119	62.886	138	18.52	104	40.422	118	54.13	21
Dez.	5	51.158	119	7.80	77	16.00	47	75.61	63	62.748	140	19.56	79	40.304	125	53.92	46
	15	51.039	116	8.57	64	15.53	49	76.24	3	62.608	137	20.35	51	40.179	126	53.46	67
	25	50.923	110	9.21	46	15.04	49	76.27	56	62.471	131	20.86	19	40.053	125	52.79	88
	35	50.813		9.67		14.55		75.71		62.340		21.05		39.928		51.91	
Mittl. Ort		49.139		16.93		13.03		44.28		60.721		24.04		38.112		33.38	
sec δ, tg δ		1.035		−0.265		2.613		+2.414		1.137		−0.542		1.056		+0.341	
a, a′		+3.1		+20.0		+2.9		+20.0		+3.1		+20.0		+3.1		+20.0	
b, b′		−0.02		+ 0.09		+0.16		+ 0.06		−0.04		+ 0.06		+0.02		+ 0.05	

*) Bei Stern 895), 896), und 898 lies Sept. 17.

Tag	899) ρ Cassiopeiae				900) 27 Piscium				902) ω Piscium				903) ε Tucanae			
	AR.	Diff.	Dekl.	Diff.	AR.	Diff.	Dekl.	Diff.	AR.	Diff.	Dekl.	Diff.	AR.	Diff.	Dekl.	Diff.
1944	23h 51m		+57° 11′		23h 55m		−3° 51′		23h 56m		+6° 33′		23h 56m		−65° 52′	
	s		″		s		″		s		″		s		″	
Jan. 1	33.775	308	27.37	99	47.251	109	67.92	66	25.001	112	7.53	83	58.93	39	103.24	101
11	33.467	290	26.38	148	47.142	101	68.58	56	24.889	105	6.70	86	58.54	36	102.23	155
21	33.177	263	24.90	192	47.041	88	69.14	45	24.784	92	5.84	83	58.18	30	100.68	205
31	32.914	223	22.98	228	46.953	72	69.59	32	24.692	75	5.01	79	57.88	25	98.63	249
Febr. 10	32.691	173	20.70	255	46.881	50	69.91	15	24.617	54	4.22	70	57.63	19	96.14	285
20	32.518	113	18.15	271	46.831	23	70.06	3	24.563	27	3.52	56	57.44	12	93.29	315
März 1	32.405	46	15.44	276	46.808	6	70.03	24	24.536	4	2.96	38	57.32	5	90.14	338
11	32.359	28	12.68	269	46.814	41	69.79	47	24.540	39	2.58	18	57.27	4	86.76	352
21	32.387	103	9.99	251	46.855	79	69.32	72	24.579	78	2.40	8	57.31	12	83.24	360
31	32.490	178	7.48	224	46.934	117	68.60	96	24.657	118	2.48	35	57.43	20	79.64	358
Apr. 10	32.668	250	5.24	188	47.051	157	67.64	121	24.775	157	2.83	64	57.63	28	76.06	350
20	32.918	315	3.36	144	47.208	194	66.43	143	24.932	196	3.47	92	57.91	36	72.56	335
30	33.233	372	1.92	95	47.402	229	65.00	163	25.128	231	4.39	119	58.27	43	69.21	311
Mai 10	33.605	418	0.97	43	47.631	260	63.37	180	25.359	261	5.58	144	58.70	50	66.10	281
20	34.023	452	0.54	10	47.891	283	61.57	193	25.620	285	7.02	165	59.20	55	63.29	245
30	34.475	472	0.64	64	48.174	301	59.64	201	25.905	302	8.67	183	59.75	59	60.84	202
Juni 9	34.947	479	1.28	114	48.475	310	57.63	203	26.207	311	10.50	196	60.34	61	58.82	156
19	35.426	473	2.42	163	48.785	311	55.60	200	26.518	311	12.46	204	60.95	63	57.26	104
29	35.899	454	4.05	206	49.096	304	53.60	192	26.829	304	14.50	205	61.58	62	56.22	51
Juli 9	36.353	424	6.11	244	49.400	290	51.68	179	27.133	288	16.55	202	62.20	59	55.71	3
19	36.777	384	8.55	276	49.690	267	49.89	161	27.421	266	18.57	193	62.79	56	55.74	58
29	37.161	335	11.31	303	49.957	239	48.28	141	27.687	237	20.50	181	63.35	51	56.32	110
Aug. 8	37.496	281	14.34	321	50.196	206	46.87	116	27.924	204	22.31	165	63.86	43	57.42	158
18	37.777	222	17.55	333	50.402	170	45.71	91	28.128	168	23.96	145	64.29	35	59.00	202
28	37.999	159	20.88	339	50.572	131	44.80	65	28.296	130	25.41	123	64.64	27	61.02	237
Sept. 7	38.158	97	24.27	337	50.703	91	44.15	38	28.426	91	26.64	100	64.91	17	63.39	265
17	$_{19}$38.255	36	27.64	329	$_{20}$50.794	54	43.77	14	$_{20}$28.517	54	27.64	77	$_{20}$65.08	7	66.04	282
26	38.291	24	30.93	314	50.848	19	43.63	8	28.571	19	28.41	54	65.15	3	68.86	288
Okt. 6	38.267	80	34.07	292	50.867	14	43.71	29	28.590	13	28.95	32	65.12	12	71.74	283
16	38.187	132	36.99	264	50.853	41	44.00	44	28.577	40	29.27	12	65.00	20	74.57	267
26	38.055	177	39.63	230	50.812	65	44.44	58	28.537	63	29.39	7	64.80	28	77.24	240
Nov. 5	37.878	218	41.93	190	50.747	83	45.02	66	28.474	81	29.32	24	64.52	34	79.64	202
15	37.660	253	43.83	145	50.664	96	45.68	73	28.393	96	29.08	39	64.18	38	81.66	157
25	37.407	279	45.28	96	50.568	106	46.41	75	28.297	105	28.69	52	63.80	41	83.23	105
Dez. 5	37.128	299	46.24	44	50.462	110	47.16	75	28.192	111	28.17	62	63.39	42	84.28	49
15	36.829	310	46.68	11	50.352	112	47.91	73	28.081	114	27.55	72	62.97	42	84.77	9
25	36.519	310	46.57	64	50.240	110	48.64	67	27.967	112	26.83	78	62.55	40	84.68	68
35	36.209		45.93		50.130		49.31		27.855		26.05		62.15		84.00	
Mittl. Ort	34.426		16.38		48.338		59.96		26.009		11.85		61.26		79.10	
sec δ, tg δ	1.845		+1.551		1.002		−0.068		1.007		+0.115		2.448		−2.234	
a, *a′*	+3.0		+20.0		+3.1		+20.0		+3.1		+20.0		+3.1		+20.0	
b, *b′*	+0.10		+ 0.04		0.00		+ 0.02		+0.01		+ 0.02		−0.15		+ 0.01	

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Na) 43 Hev. Cephei $4^{m}\!.52$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$1^{h}\ 0^{m}$	$+85°\ 57'$	in $0^{s}.01$	in $0''.01$	$1^{h}\ 0^{m}$	$+85°\ 57'$	in $0^{s}.01$	in $0''.01$	$1^{h}\ 0^{m}$	$+85°\ 57'$	in $0^{s}.01$	in $0''.01$	$1^{h}\ 0^{m}$	$+85°\ 57'$	in $0^{s}.01$	in $0''.01$
1	47.37	41.73	−6	+6	37.97	41.21	−4	−4	30.92	35.58	+2	−4	27.83	26.42	+8	+5
2	47.07	41.81	−7	+3	37.68	41.09	0	−5	30.74	35.32	+5	−2	27.82	26.11	+6	+7
3	46.77	41.89	−8	−1	37.40	40.97	+3	−4	30.57	35.06	+8	0	27.82	25.80	+4	+8
4	46.46	41.95	−6	−3	37.11	40.84	+6	−2	30.40	34.79	+8	+3	27.83	25.49	+1	+8
5	46.16	42.01	−3	−5	36.83	40.70	+8	+1	30.23	34.52	+7	+5	27.84	25.18	−2	+6
6	45.85	42.07	+1	−5	36.55	40.56	+8	+3	30.07	34.25	+6	+7	*)27.85	24.87	−5	+4
7	45.55	42.12	+4	−3	36.28	40.41	+7	+5	29.92	33.97	+3	+7	27.87	24.56	−7	+1
8	45.24	42.16	+7	−1	36.00	40.26	+5	+7	29.77	33.69	0	+7	27.90	24.25	−8	−2
9	44.93	42.19	+8	+1	35.73	40.10	+2	+7	29.62	33.41	−3	+5	27.93	23.94	−7	−5
10	44.62	42.22	+7	+3	35.46	39.93	−2	+6	29.48	33.12	−6	+3	27.97	23.63	−6	−8
11	44.31	42.24	+6	+5	35.20	39.76	−5	+4	29.34	32.84	−8	0	28.02	23.33	−3	−10
12	44.00	42.26	+3	+7	34.94	39.59	−7	+1	29.21	32.54	−8	−4	28.07	23.02	+1	−10
13	43.69	42.27	0	+7	34.68	39.40	−8	−2	29.09	32.25	−7	−7	28.12	22.72	+5	−8
14	43.39	42.27	−3	+5	34.43	39.22	−8	−6	28.97	31.96	−5	−10	28.18	22.42	+7	−5
15	43.08	42.26	−6	+3	34.18	39.03	−7	−9	28.86	31.66	−1	−11	28.25	22.12	+8	−1
16	42.77	42.25	−8	0	33.93	38.83	−4	−11	28.75	31.36	+2	−10	28.32	21.83	+7	+3
17	42.46	42.24	−9	−4	33.69	38.63	0	−11	28.65	31.07	+6	−7	28.40	21.53	+4	+6
18	42.16	42.21	−8	−7	33.45	38.42	+4	−9	28.56	30.76	+8	−4	28.49	21.24	0	+7
19	41.85	42.18	−6	−10	33.22	38.21	+7	−6	28.47	30.46	+8	+1	28.58	20.95	−4	+6
20	41.54	42.14	−2	−11	32.99	37.99	+8	−1	28.39	30.15	+6	+5	28.68	20.66	−7	+4
21	41.24	42.10	+2	−10	32.76	37.77	+7	+3	28.31	29.85	+3	+7	28.78	20.37	−9	+1
22	40.94	42.05	+5	−7	32.54	37.54	+5	+6	28.23	29.54	−2	+7	28.88	20.09	−8	−2
23	40.63	41.99	+8	−3	32.32	37.31	+1	+8	28.17	29.23	−6	+6	29.00	19.81	−5	−5
24	40.33	41.93	+8	+1	32.11	37.08	−3	+8	28.11	28.92	−8	+3	29.11	19.53	−2	−6
25	40.03	41.86	+7	+5	31.90	36.84	−7	+6	28.05	28.61	−8	0	29.23	19.26	+2	−5
26	39.73	41.79	+3	+8	31.70	36.60	−8	+2	28.00	28.30	−7	−3	29.36	18.99	+6	−3
27	39.43	41.71	−1	+9	31.50	36.35	−8	−1	27.96	27.99	−3	−5	29.49	18.72	+8	0
28	39.14	41.62	−5	+7	31.30	36.10	−5	−4	27.92	27.67	+1	−5	29.63	18.45	+9	+4
29	38.84	41.53	−7	+4	31.11	35.84	−2	−5	27.89	27.36	+4	−4	29.77	18.19	+7	+6
30	38.55	41.43	−8	+1	30.92	35.58	+2	−4	27.86	27.05	+7	−1	29.92	17.93	+5	+8
31	38.26	41.32	−7	−2					27.84	26.74	+8	+2	30.08	17.67	+2	+8
32	37.97	41.21	−4	−4					27.83	26.42	+8	+5				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+85° 57′ 10″	14.169	+ 14.133	+85° 57′ 30″	14.188	+ 14.153	+85° 57′ 40″	14.198	+ 14.163
20	14.178	+ 14.143	40	14.198	+ 14.163	50	14.208	+ 14.172

$\alpha_{1944.0} = 1^{h}\ 0^{m}\ 41^{s}\!.90$ $\delta_{1944.0} = +85°\ 57'\ 28''\!.28$

*) Tag der doppelten unteren Kulmination: April 6.

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Na) 43 Hev. Cephei $4^{m}.52$

Tag	Mai				Juni				Juli				August			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$1^h\ 0^m$	+85° 57′	in 0.01^s	in $0.01''$	$1^h\ 0^m$	+85° 57′	in 0.01^s	in $0.01''$	$1^h\ 0^m$	+85° 57′	in 0.01^s	in $0.01''$	$1^h\ 0^m$	+85° 57′	in 0.01^s	in $0.01''$
1	30.08	17.67	+2	+8	36.86	11.77	−8	0	45.75	10.77	−6	−8	54.94	14.84	+6	−7
2	30.23	17.42	−1	+7	37.13	11.66	−8	−3	46.05	10.82	−3	−10	55.22	15.05	+8	−3
3	30.40	17.17	−4	+5	37.41	11.55	−7	−6	46.36	10.88	+1	−10	55.49	15.26	+9	+1
4	30.56	16.92	−7	+2	37.68	11.45	−5	−9	46.67	10.94	+4	−8	55.76	15.48	+7	+5
5	30.73	16.68	−8	−1	37.96	11.35	−1	−10	46.98	11.01	+7	−5	56.02	15.70	+3	+7
6	30.91	16.44	−8	−4	38.24	11.26	+2	−9	47.28	11.08	+9	−1	56.29	15.93	−1	+8
7	31.09	16.20	−6	−7	38.53	11.17	+6	−7	47.59	11.16	+8	+4	56.55	16.16	−5	+7
8	31.27	15.97	−4	−9	38.81	11.09	+8	−3	47.90	11.25	+5	+7	56.81	16.40	−8	+4
9	31.46	15.74	0	−10	39.10	11.01	+9	+1	48.21	11.34	+1	+8	57.07	16.64	−9	0
10	31.65	15.52	+3	−8	39.39	10.94	+7	+5	48.51	11.43	−3	+8	57.32	16.89	−7	−3
11	31.85	15.30	+6	−5	39.68	10.88	+4	+7	48.82	11.53	−6	+5	57.57	17.14	−4	−5
12	32.05	15.09	+8	−2	39.97	10.82	0	+8	49.12	11.64	−8	+2	57.82	17.39	0	−5
13	32.26	14.88	+8	+2	40.27	10.76	−4	+6	49.43	11.75	−8	−1	58.07	17.65	+4	−4
14	32.47	14.67	+6	+5	40.56	10.72	−7	+4	49.73	11.87	−6	−4	58.31	17.91	+7	−1
15	32.68	14.47	+2	+7	40.86	10.68	−8	0	50.03	11.99	−2	−5	58.55	18.18	+8	+2
16	32.90	14.27	−2	+7	41.16	10.64	−7	−3	50.33	12.12	+2	−5	58.79	18.45	+8	+5
17	33.12	14.08	−6	+5	41.46	10.61	−5	−5	50.63	12.25	+5	−3	59.03	18.72	+6	+7
18	33.35	13.89	−8	+2	41.76	10.59	−1	−6	50.93	12.39	+7	−1	59.26	19.00	+4	+8
19	33.58	13.71	−9	−1	42.06	10.57	+3	−5	51.23	12.53	+8	+2	59.49	19.28	+1	+8
20	33.81	13.53	−7	−4	42.36	10.56	+6	−3	51.53	12.68	+7	+5	59.71	19.57	−3	+7
21	34.05	13.35	−3	−6	42.67	10.55	+8	0	51.82	12.83	+6	+7	59.93	19.86	−5	+4
22	34.29	13.18	+1	−6	42.97	10.55	+8	+3	52.11	12.99	+3	+8	60.15	20.15	−7	+1
23	34.53	13.02	+4	−4	43.28	10.55	+7	+6	52.40	13.15	−1	+7	60.37	20.44	−8	−2
24	34.78	12.86	+7	−1	43.58	10.56	+4	+8	52.69	13.32	−4	+6	60.58	20.74	−8	−6
25	35.03	12.71	+9	+2	43.89	10.57	+1	+8	52.98	13.49	−6	+3	60.79	21.04	−6	−9
26	35.28	12.56	+8	+5	44.20	10.59	−2	+7	53.27	13.67	−8	−1	60.99	21.35	−3	−11
27	35.54	12.42	+6	+7	44.51	10.61	−5	+5	53.55	13.85	−9	−4	61.19	21.66	+1	−11
28	35.80	12.28	+3	+8	44.82	10.64	−7	+2	53.83	14.04	−7	−7	61.39	21.97	+4	−9
29	36.06	12.15	0	+8	45.13	10.68	−8	−2	54.11	14.23	−5	−10	61.58	22.29	+7	−6
30	36.32	12.02	−3	+6	45.44	10.72	−8	−5	54.39	14.43	−1	−11	61.78	22.61	+8	−1
31	36.59	11.89	−6	+3	45.75	10.77	−6	−8	54.67	14.63	+3	−10	61.96	22.93	+7	+3
32	36.86	11.77	−8	0					54.94	14.84	+6	−7	62.15	23.25	+4	+6

δ	sec δ	tg δ	δ	sec δ	tg δ
+85° 57′ 10″	14.169	+ 14.133	+85° 57′ 20″	14.178	+ 14.143
20	14.178	+ 14.143	30	14.188	+ 14.153

$\alpha_{1944.0} = 1^h\ 0^m\ 41^s.90$ $\delta_{1944.0} = +85°\ 57'\ 28''.28$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Na) 43 Hev. Cephei $4^{m}.52$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
	$1^{h}\ 1^{m}$	+85° 57′	in 0.01 s	in 0.01 "	$1^{h}\ 1^{m}$	+85° 57′	in 0.01 s	in 0.01 "	$1^{h}\ 1^{m}$	+85° 57′	in 0.01 s	in 0.01 "	$1^{h}\ 0^{m}$	+85° 57′	in 0.01 s	in 0.01 "
1	2.15	23.25	+4	+6	5.85	33.96	−6	+5	5.37	46.01	−1	−6	60.63	55.43	+8	−1
2	2.33	23.58	0	+8	5.91	34.34	−9	+2	5.28	46.36	+3	−5	60.41	55.69	+9	+3
3	2.51	23.90	−4	+7	5.96	34.73	−9	−1	5.18	46.72	+7	−2	60.18	55.94	+8	+6
4	2.68	24.24	−7	+5	6.01	35.11	−7	−4	5.08	47.07	+9	+1	59.95	56.19	+6	+9
5	2.85	24.57	−9	+1	6.05	35.49	−3	−6	4.97	47.43	+9	+5	59.72	56.43	+3	+10
6	3.02	24.91	−8	−2	6.09 / 6.12	35.87 / 36.26	+1 / +5	−5 / −3	4.86	47.77	+7	+8	59.48	56.66	−1	+9
7	3.18	25.25	−5	−4	6.15	36.64	+8	0	4.74	48.12	+4	+9	59.24	56.89	−4	+7
8	3.34	25.59	−1	−5	6.17	37.02	+9	+3	4.62	48.46	+1	+9	58.99	57.12	−7	+4
9	3.50	25.94	+3	−4	6.19	37.40	+8	+6	4.49	48.80	−2	+8	58.75	57.34	−8	0
10	3.65	26.29	+6	−2	6.21	37.79	+6	+8	4.36	49.14	−5	+5	58.49	57.55	−8	−4
11	3.80	26.64	+8	+1	6.22	38.17	+3	+9	4.23	49.48	−7	+2	58.24	57.76	−6	−7
12	3.94	26.99	+9	+4	6.23	38.55	0	+9	4.09	49.81	−8	−1	57.98	57.97	−4	−9
13	4.08	27.34	+7	+7	6.23	38.93	−3	+7	3.95	50.14	−7	−5	57.72	58.17	0	−10
14	4.21	27.69	+5	+8	6.23	39.31	−6	+4	3.80	50.47	−5	−7	57.46	58.36	+3	−9
15	4.34	28.05	+2	+8	6.22	39.69	−7	+1	3.65	50.79	−2	−9	57.19	58.55	+7	−6
16	4.47	28.41	−1	+7	6.21	40.07	−8	−3	3.49	51.11	+1	−9	56.92	58.73	+8	−3
17	4.59	28.77	−4	+5	6.19	40.45	−7	−6	3.33	51.42	+4	−8	56.65	58.91	+8	+1
18	4.71	29.14	−7	+3	6.17	40.83	−5	−9	3.16	51.73	+7	−5	56.38	59.08	+7	+4
19	4.82	29.50	−8	−1	6.14	41.21	−2	−10	2.99	52.04	+8	−2	56.10	59.24	+3	+7
20	4.93	29.87	−8	−4	6.11	41.59	+2	−10	2.82	52.35	+8	+2	55.82	59.40	−1	+7
21	5.03	30.23	−6	−7	6.07	41.96	+5	−8	2.64	52.65	+5	+5	55.54	59.55	−5	+6
22	5.13	30.60	−4	−10	6.03	42.33	+8	−5	2.46	52.95	+1	+7	55.26	59.70	−8	+3
23	5.23	30.97	−1	−11	5.99	42.71	+8	−1	2.27	53.24	−3	+6	54.97	59.84	−9	−1
24	5.32	31.34	+3	−10	5.94	43.08	+7	+3	2.08	53.53	−7	+4	54.68	59.97	−8	−4
25	5.41	31.71	+6	−7	5.88	43.45	+4	+6	1.88	53.81	−9	+1	54.39	60.10	−5	−6
26	5.49	32.08	+8	−3	5.82	43.82	0	+7	1.68	54.10	−9	−3	54.10	60.22	−1	−7
27	5.57	32.46	+9	+1	5.76	44.19	−5	+6	1.48	54.37	−7	−5	53.81	60.33	+3	−5
28	5.65	32.83	+6	+4	5.69	44.56	−8	+3	1.27	54.64	−3	−7	53.51	60.44	+7	−2
29	5.72	33.21	+2	+6	5.61	44.92	−9	0	1.06	54.91	+1	−6	53.22	60.55	+9	+1
30	5.78	33.59	−2	+7	5.53	45.29	−8	−4	0.84	55.18	+5	−4	52.92	60.64	+9	+5
31	5.85	33.96	−6	+5	5.45	45.65	−5	−6	0.63	55.43	+8	−1	52.62	60.74	+7	+8
32					5.37	46.01	−1	−6					52.31	60.82	+4	+9

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+85° 57′ 20″	14.178	+ 14.143	+85° 57′ 40″	14.198	+ 14.163	+85° 58′ 0″	14.217	+ 14.182
30	14.188	+ 14.153	50	14.208	+ 14.172	10	14.227	+ 14.192

$\alpha_{1944.0} = 1^{h}\ 0^{m}\ 41^{s}.90$ $\delta_{1944.0} = +85°\ 57'\ 28''.28$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Nb) α Ursae minoris $2^{m}.12$ var.

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$1^h 44^m$	+89° 0′	in $0^s.01$	$0''.01$	$1^h 44^m$	+89° 0′	in $0^s.01$	$0''.01$	$1^h 44^m$	+88° 59′	in $0^s.01$	$0''.01$	$1^h 44^m$	+88° 59′	in $0^s.01$	$0''.01$
1	$93^s.79$	$8''.37$	−21	+7	$55^s.35$	$10''.03$	−15	−3	$22^s.80$	$66''.08$	+8	−5	$3^s.40$	$57''.72$	+33	+3
2	92.63	8.52	−27	+4	54.10	9.98	−1	−5	21.88	65.86	+21	−3	3.13	57.41	+27	+6
3	91.46	8.66	−28	+1	52.86	9.92	+13	−4	20.97	65.64	+29	−1	2.88	57.10	+17	+7
4	90.28	8.80	−23	−2	51.62	9.85	+24	−3	20.08	65.41	+32	+2	2.65	56.79	+5	+8
5	89.09	8.93	−11	−4	50.39	9.78	+30	−1	19.21	65.18	+29	+4	2.45	56.48	−8	+7
6	87.90	9.06	+3	−5	49.16	9.70	+31	+2	18.36	64.95	+23	+6	2.27	56.18	−18	+5
7	86.70	9.18	+16	−4	47.94	9.62	+27	+4	17.52	64.71	+12	+7	2.11	55.87	−27	+2
8	85.49	9.29	+25	−2	46.73	9.53	+19	+6	16.71	64.47	0	+7	1.98	55.56	−31	−1
9	84.27	9.40	+30	0	45.53	9.43	+8	+6	15.91	64.22	−12	+6	1.87	55.25	−30	−4
10	83.05	9.50	+29	+2	44.33	9.33	−4	+6	15.13	63.97	−22	+4	1.78	54.94	−23	−7
11	81.82	9.59	+24	+4	43.14	9.22	−16	+5	14.37	63.72	−30	+1	1.72	54.63	−12	−9
12	80.58	9.68	+15	+6	41.96	9.11	−26	+3	13.64	63.46	−33	−2	1.68	54.32	+2	−10
13	79.34	9.76	+3	+6	40.79	8.99	−33	0	12.92	63.20	−30	−6	1.67	54.01	+16	−9
14	78.09	9.83	−10	+6	39.63	8.86	−34	−4	12.22	62.93	−20	−9	1.68	53.70	+26	−6
15	76.84	9.90	−22	+4	38.48	8.73	−28	−7	11.54	62.66	−8	−10	1.71	53.39	+31	−2
16	75.58	9.96	−31	+1	37.34	8.59	−18	−10	10.89	62.39	+6	−10	1.77	53.08	+28	+2
17	74.32	10.01	−35	−2	36.21	8.45	−2	−11	10.25	62.12	+20	−8	1.85	52.77	+17	+5
18	73.06	10.06	−33	−6	35.10	8.30	+13	−10	9.64	61.84	+29	−5	*)1.95	52.46	+2	+7
19	71.79	10.10	−25	−9	34.00	8.15	+25	−7	9.05	61.56	+31	0	2.08	52.15	−14	+7
20	70.53	10.13	−11	−11	32.91	7.99	+31	−3	8.48	61.28	+24	+4	2.22	51.85	−27	+5
21	69.26	10.16	+5	−10	31.83	7.82	+29	+2	7.94	60.99	+12	+7	2.39	51.54	−33	+2
22	67.99	10.18	+20	−8	30.77	7.65	+20	+6	7.41	60.70	−4	+8	2.59	51.24	−31	−1
23	66.72	10.20	+30	−5	29.72	7.47	+6	+8	6.91	60.41	−19	+7	2.80	50.94	−22	−4
24	65.45	10.21	+33	0	28.68	7.29	−10	+8	6.43	60.12	−29	+4	3.04	50.64	−7	−5
25	64.18	10.21	+27	+4	27.66	7.10	−24	+7	5.97	59.83	−33	+1	3.30	50.34	+8	−5
26	62.91	10.20	+15	+8	26.66	6.91	−30	+4	5.54	59.53	−26	−2	3.58	50.05	+23	−4
27	61.65	10.19	0	+9	25.67	6.71	−29	0	5.13	59.23	−14	−4	3.88	49.75	+31	−1
28	60.38	10.17	−15	+8	24.70	6.50	−20	−3	4.74	58.93	+1	−5	4.21	49.46	+34	+2
29	59.12	10.15	−26	+6	23.74	6.29	−7	−5	4.37	58.63	+16	−4	4.56	49.17	+30	+5
30	57.86	10.12	−29	+3	22.80	6.08	+8	−5	4.02	58.33	+28	−2	4.93	48.88	+22	+7
31	56.60	10.08	−25	−1					3.70	58.02	+33	+1	5.32	48.60	+10	+8
32	55.35	10.03	−15	−3					3.40	57.72	+33	+3				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+88° 59′ 40″	56.982	+56.973	+89° 0′ 0″	57.299	+57.290	+89° 0′ 10″	57.458	+57.450
50	57.140	+57.131	10	57.458	+57.450	20	57.619	+57.610

$\alpha_{1944.0} = 1^h\ 44^m\ 59^s.65$ $\delta_{1944.0} = +88°\ 59'\ 56''.33$

*) Tag der doppelten unteren Kulmination: April 18.

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Nb) α Ursae minoris $2^m.12$ var.

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder	
		+	in			+	in	
	$1^h\,44^m$	88° 59′	0.01 s	0.01″	$1^h\,44^m$	88° 59′	0.01 s	0.01″
	s	″			s	″		
1	5.32	48.60	+10	+ 8	26.92	41.31	−31	+ 2
2	5.73	48.31	− 3	+ 8	27.88	41.14	−33	− 2
3	6.17	48.03	−15	+ 6	28.85	40.98	−30	− 5
4	6.63	47.75	−25	+ 4	29.84	40.82	−21	− 8
5	7.10	47.48	−30	0	30.83	40.66	− 8	−10
6	7.60	47.20	−31	− 3	31.84	40.51	+ 6	−10
7	8.11	46.93	−26	− 6	32.86	40.36	+21	− 8
8	8.65	46.66	−16	− 9	33.89	40.22	+30	− 4
9	9.21	46.39	− 3	−10	34.94	40.08	+33	0
10	9.78	46.13	+11	− 9	35.99	39.95	+28	+ 4
11	10.38	45.87	+24	− 6	37.06	39.82	+16	+ 7
12	10.99	45.62	+31	− 3	38.13	39.70	+ 1	+ 8
13	11.63	45.37	+31	+ 1	39.21	39.58	−15	+ 7
14	12.28	45.12	+23	+ 5	40.31	39.47	−27	+ 5
15	12.95	44.87	+ 9	+ 7	41.41	39.36	−32	+ 2
16	13.64	44.63	− 7	+ 8	42.53	39.26	−29	− 2
17	14.35	44.39	−22	+ 6	43.65	39.16	−20	− 4
18	15.07	44.16	−31	+ 4	44.78	39.07	− 5	− 6
19	15.81	43.93	−33	0	45.92	38.98	+10	− 6
20	16.57	43.70	−27	− 3	47.06	38.90	+22	− 4
21	17.35	43.48	−15	− 5	48.22	38.83	+31	− 1
22	18.14	43.26	+ 1	− 6	49.38	38.76	+33	+ 2
23	18.95	43.05	+16	− 5	50.55	38.69	+28	+ 5
24	19.77	42.84	+27	− 3	51.73	38.63	+20	+ 7
25	20.61	42.63	+33	0	52.91	38.58	+ 8	+ 8
26	21.47	42.43	+32	+ 3	54.10	38.53	− 6	+ 7
27	22.34	42.23	+26	+ 6	55.29	38.49	−18	+ 6
28	23.23	42.04	+16	+ 7	56.49	38.45	−28	+ 3
29	24.13	41.85	+ 3	+ 8	57.69	38.42	−33	− 1
30	25.05	41.67	−10	+ 7	58.90	38.39	−33	− 4
31	25.98	41.49	−22	+ 5	60.11	38.37	−27	− 7
32	26.92	41.31	−31	+ 2				

Tag	Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
		+	in			+	in	
	$1^h\,45^m$	88° 59′	0.01 s	0.01″	$1^h\,45^m$	88° 59′	0.01 s	0.01″
	s	″			s	″		
1	0.11	38.37	−27	− 7	38.34	40.37	+22	− 8
2	1.33	38.36	−15	−10	39.54	40.52	+32	− 5
3	2.55	38.35	0	−10	40.74	40.67	+33	0
4	3.77	38.34	+15	− 9	41.93	40.83	+27	+ 4
5	5.00	38.34	+27	− 6	43.12	40.99	+14	+ 7
6	6.23	38.35	+33	− 2	44.30	41.15	− 2	+ 8
7	7.47	38.36	+31	+ 2	45.48	41.32	−18	+ 8
8	8.71	38.38	+22	+ 6	46.65	41.50	−29	+ 5
9	9.94	38.40	+ 8	+ 8	47.81	41.68	−32	+ 2
10	11.18	38.43	− 9	+ 8	48.97	41.87	−27	− 2
11	12.43	38.46	−23	+ 7	50.12	42.06	−15	− 4
12	13.67	38.50	−31	+ 4	51.26	42.26	0	− 5
13	14.92	38.54	−31	0	52.40	42.46	+15	− 4
14	16.16	38.59	−23	− 3	53.52	42.67	+27	− 2
15	17.41	38.64	−10	− 5	54.64	42.88	+33	0
16	18.65	38.70	+ 5	− 5	55.75	43.09	+32	+ 3
17	19.90	38.77	+19	− 4	56.85	43.31	+27	+ 6
18	21.15	38.84	+28	− 2	57.94	43.53	+17	+ 7
19	22.39	38.91	+32	+ 1	59.03	43.76	+ 4	+ 8
20	23.63	38.99	+31	+ 4	60.10	43.99	− 9	+ 7
21	24.87	39.08	+23	+ 6	61.17	44.22	−20	+ 5
22	26.11	39.17	+12	+ 7	62.23	44.46	−28	+ 2
23	27.35	39.27	0	+ 7	63.28	44.70	−33	− 1
24	28.58	39.37	−13	+ 6	64.31	44.95	−31	− 5
25	29.81	39.48	−24	+ 4	65.34	45.20	−25	− 8
26	31.04	39.59	−32	+ 1	66.36	45.46	−14	−10
27	32.27	39.71	−34	− 3	67.37	45.72	+ 1	−11
28	33.49	39.83	−30	− 6	68.36	45.98	+15	−10
29	34.71	39.96	−21	− 9	69.35	46.25	+27	− 7
30	35.92	40.09	− 8	−11	70.32	46.52	+32	− 3
31	37.13	40.23	+ 7	−10	71.28	46.79	+29	+ 2
32	38.34	40.37	+22	− 8	72.23	47.07	+19	+ 5

δ	sec δ	tg δ	δ	sec δ	tg δ
+88° 59′ 30″	56.825	+ 56.816	+88° 59′ 40″	56.982	+ 56.973
40	56.982	+ 56.973	50	57.140	+ 57.131

$\alpha_{1944.0} = 1^h\,44^m\,59^s.65$ $\delta_{1944.0} = +88°\,59'\,56''.33$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Nb) α Ursae minoris $2^m.12$ var.

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
	$1^h 46^m$	+88° 59′	in $0.^s01$	$0.''01$	$1^h 46^m$	+88° 59′	in $0.^s01$	$0.''01$	$1^h 46^m$	+89° 0′	in $0.^s01$	$0.''01$	$1^h 45^m$	+89° 0′	in $0.^s01$	$0.''01$
1	12.23	47.07	+19	+5	34.36	56.85	−22	+6	41.01	8.91	−6	−6	88.70	19.40	+31	−2
2	13.17	47.35	+3	+8	34.86	57.22	−33	+4	40.90	9.29	+12	−6	87.98	19.70	+36	+1
3	14.09	47.64	−14	+8	35.34	57.58	−34	0	40.76	9.67	+26	−3	87.25	20.00	+34	+5
4	15.01	47.93	−26	+6	35.80	57.95	−27	−3	40.60	10.05	+35	0	86.49	20.30	+25	+8
5	15.91	48.22	−33	+3	36.24	58.32	−14	−5	40.42	10.42	+36	+3	85.72	20.59	+12	+9
6	16.80	48.52	−30	−1	36.67	58.69	+3	−6	40.23	10.79	+31	+7	84.93	20.88	−2	+9
7	17.67	48.82	−21	−3	37.07	59.06	+19	−4	40.01	11.16	+20	+9	84.12	21.17	−15	+7
8	18.53	49.12	−6	−5	37.46	59.44	+31	−1	39.77	11.53	+7	+9	83.29	21.45	−25	+5
9	19.38	49.43	+10	−5	37.84	59.81	+36	+2	39.51	11.90	−7	+8	82.45	21.73	−31	+1
10	20.22	49.74	+24	−3	38.19	60.18	+34	+5	39.23	12.26	−18	+6	81.59	22.00	−32	−2
11	21.04	50.05	+32	0	38.52	60.56	+27	+7	38.93	12.63	−27	+3	80.71	22.27	−27	−6
12	21.85	50.37	+35	+3	38.84	60.93	+14	+9	38.61	12.99	−31	0	79.82	22.53	−17	−8
13	22.64	50.69	+31	+5	39.14	61.31	+1	+9	38.27	13.35	−29	−4	78.91	22.79	−4	−10
14	23.42	51.01	+21	+7	39.42	61.68	−11	+7	37.91	13.71	−23	−7	77.99	23.04	+11	−9
15	24.19	51.33	+9	+8	39.68	62.06	−21	+5	37.53	14.06	−12	−9	77.05	23.29	+23	−8
16	24.94	51.66	−3	+8	39.92	62.44	−28	+2	37.12	14.42	+1	−10	76.09	23.53	+31	−4
17	25.68	51.99	−15	+6	40.14	62.82	−31	−1	36.70	14.77	+15	−9	75.12	23.77	+33	−1
18	26.40	52.32	−25	+4	{40.35 / 40.53	63.20 / 63.58	−28 / −21	−5 / −8}	36.26	15.12	+26	−7	74.13	24.01	+27	+3
19	27.11	52.65	−31	+1	40.69	63.96	−9	−10	35.80	15.47	+32	−3	73.13	24.24	+14	+6
20	27.80	52.99	−31	−3	40.83	64.34	+5	−10	35.32	15.81	+30	+1	72.11	24.46	−2	+7
21	28.48	53.33	−27	−6	40.96	64.72	+18	−9	34.81	16.15	+22	+4	71.08	24.68	−18	+7
22	29.14	53.67	−18	−9	41.06	65.11	+28	−6	34.29	16.49	+7	+6	70.04	24.89	−30	+4
23	29.79	54.02	−6	−10	41.15	65.49	+31	−2	33.75	16.83	−9	+7	68.98	25.10	−35	+1
24	30.42	54.36	+9	−10	41.21	65.87	+27	+2	33.19	17.16	−24	+5	67.91	25.30	−31	−3
25	31.03	54.71	+22	−8	41.26	66.25	+15	+5	32.61	17.49	−35	+3	66.82	25.50	−20	−5
26	31.63	55.06	+30	−5	41.28	66.63	0	+7	32.00	17.82	−36	−1	65.73	25.69	−5	−7
27	32.21	55.42	+31	−1	41.29	67.02	−17	+7	31.38	18.14	−28	−4	64.62	25.87	+12	−6
28	32.77	55.77	+23	+3	41.27	67.40	−30	+5	30.74	18.46	−15	−6	63.50	26.05	+26	−4
29	33.32	56.13	+9	+6	41.24	67.78	−36	+1	30.08	18.78	+3	−7	62.37	26.22	+34	0
30	33.85	56.49	−7	+7	41.18	68.16	−33	−2	29.40	19.09	+19	−5	61.23	26.39	+34	+3
31	34.36	56.85	−22	+6	41.11	68.54	−22	−5	28.70	19.40	+31	−2	60.07	26.55	+28	+6
32					41.01	68.91	−6	−6					58.91	26.70	+18	+8

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+88° 59′ 40″	56.982	+56.973	+89° 0′ 0″	57.299	+57.290	+89° 0′ 20″	57.619	+57.610
50	57.140	+57.131	10	57.458	+57.450	30	57.780	+57.771

$\alpha_{1944.0} = 1^h\ 44^m\ 59.^s65$ $\delta_{1944.0} = +88°\ 59'\ 56.''33$

Nc) Grb 750 Cepheus $6^{m}.70$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$4^h 18^m$	$+85° 24'$	in $0^s.01$	in $0''.01$	$4^h 18^m$	$+85° 24'$	in $0^s.01$	in $0''.01$	$4^h 17^m$	$+85° 24'$	in $0^s.01$	in $0''.01$	$4^h 17^m$	$+85° 24'$	in $0^s.01$	in $0''.01$
1	16.21	15.53	0	+9	10.77	22.80	−5	−1	63.35	24.84	−1	−5	55.87	21.45	+8	−2
2	16.10	15.83	−3	+8	10.54	22.95	−3	−4	63.08	24.82	+2	−6	55.67	21.26	+8	+1
3	15.99	16.12	−5	+5	10.30	23.10	0	−6	62.82	24.79	+5	−6	55.47	21.06	+8	+3
4	15.87	16.41	−6	+1	10.07	23.25	+3	−6	62.56	24.75	+7	−4	55.27	20.86	+6	+5
5	15.74	16.69	−4	−2	9.83	23.38	+5	−5	62.29	24.71	+8	−1	55.08	20.66	+3	+7
6	15.61	16.98	−2	−5	9.58	23.51	+7	−3	62.03	24.67	+8	+1	54.89	20.45	−1	+7
7	15.47	17.25	0	−6	9.34	23.64	+8	−1	61.78	24.61	+6	+4	54.71	20.24	−4	+6
8	15.33	17.53	+3	−6	9.09	23.76	+7	+2	61.52	24.55	+4	+6	54.53	20.02	−6	+4
9	15.18	17.80	+6	−5	8.84	23.87	+5	+4	61.26	24.49	+1	+7	54.35	19.80	−8	+1
10	15.03	18.07	+7	−3	8.59	23.98	+3	+6	61.00	24.42	−2	+7	54.18	19.58	−9	−2
11	14.88	18.33	+7	0	8.33	24.08	0	+7	60.74	24.34	−5	+5	54.02	19.35	−8	−6
12	14.72	18.59	+6	+3	8.08	24.18	−4	+6	60.49	24.26	−8	+3	53.85	19.12	−6	−9
13	14.56	18.85	+4	+5	7.82	24.27	−7	+4	60.24	24.17	−9	0	53.70	18.88	−2	−10
14	14.39	19.10	+1	+6	7.57	24.35	−9	+2	59.99	24.08	−9	−4	53.54	18.64	+1	−9
15	14.22	19.35	−2	+7	7.31	24.43	−10	−2	59.74	23.98	−8	−7	53.39	18.40	+4	−6
16	14.05	19.59	−5	+6	7.05	24.50	−9	−6	59.49	23.87	−5	−9	53.25	18.16	+6	−2
17	13.87	19.83	−8	+3	6.79	24.57	−7	−9	59.24	23.76	−1	−10	53.11	17.91	+6	+2
18	13.69	20.06	−10	0	6.53	24.63	−3	−10	59.00	23.64	+3	−8	52.97	17.66	+5	+6
19	13.50	20.29	−10	−4	6.27	24.68	+1	−9	58.76	23.52	+5	−5	52.84	17.41	+2	+8
20	13.31	20.51	−8	−7	6.00	24.73	+4	−7	58.52	23.39	+7	0	52.71	17.15	−2	+8
21	13.12	20.73	−5	−9	5.74	24.77	+7	−3	58.28	23.26	+6	+4	52.59	16.89	−5	+7
22	12.92	20.95	−1	−10	5.47	24.80	+7	+2	58.05	23.12	+4	+7	52.47	16.63	−7	+4
23	12.72	21.16	+3	−8	5.21	24.82	+6	+6	57.82	22.97	0	+9	52.36	16.37	−6	0
24	12.52	21.36	+6	−5	4.94	24.84	+3	+9	57.59	22.82	−3	+8	52.25	16.10	−4	−3
25	12.31	21.56	+8	0	4.68	24.86	0	+9	57.37	22.67	−5	+6	52.15	15.83	−1	−6
26	12.10	21.75	+6	+4	4.41	24.87	−3	+8	57.14	22.51	−6	+2	52.05	15.56	+2	−7
27	11.89	21.94	+5	+7	4.15	24.87	−5	+5	56.92	22.34	−5	−2	51.95	15.29	+5	−6
28	11.67	22.12	+2	+9	3.88	24.87	−5	+1	56.70	22.17	−3	−4	51.86	15.01	+8	−4
29	11.45	22.30	−1	+9	3.61	24.86	−4	−3	56.49	22.00	0	−6	51.77	14.73	+9	−1
30	11.23	22.47	−4	+6	3.35	24.84	−1	−5	56.28	21.82	+4	−6	51.69	14.45	+8	+2
31	11.00	22.64	−5	+3					56.07	21.64	+7	−5	51.62	14.17	+6	+5
32	10.77	22.80	−5	−1					55.87	21.45	+8	−2				

δ	sec δ	tg δ	δ	sec δ	tg δ
+85° 24′ 10″	12.477	+ 12.436	+85° 24′ 20″	12.484	+ 12.444
20	12.484	+ 12.444	30	12.492	+ 12.451

$\alpha_{1944.0} = 4^h\ 18^m\ 4^s.84$ $\delta_{1944.0} = +85°\ 24'\ 11''.83$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Nc) Grb 750 Cepheus $6^m.70$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	$4^h 17^m$	$+85° 24'$	in $0^s.01$	in $0''.01$	$4^h 17^m$	$+85° 23'$	in $0^s.01$	in $0''.01$	$4^h 17^m$	$+85° 23'$	in $0^s.01$	in $0''.01$	$4^h 18^m$	$+85° 23'$	in $0^s.01$	in $0''.01$
	s	"			s	"			s	"			s	"		
1	51.62	14.17	+6	+5	51.75	65.24	−5	+6	56.17	57.88	−10	−2	3.98	53.58	−1	−10
2	51.55	13.89	+4	+7	51.84	64.96	−7	+3	56.38	57.68	−9	−6	4.27	53.51	+3	−9
3	51.48	13.60	+1	+7	51.92	64.69	−9	0	56.59	57.49	−6	−8	4.56	53.44	+6	−5
4	51.42	13.32	−3	+7	52.02	64.41	−9	−4	56.80	57.29	−3	−10	4.85	53.38	+7	−1
5	51.37	13.03	−6	+5	52.12	64.14	−7	−7	57.02	57.11	+1	−9	5.14	53.32	+7	+4
6	51.32	12.75	−8	+2	52.22	63.87	−4	−9	57.24	56.92	+5	−7	5.44	53.27	+4	+7
7	51.27	12.46	−9	−1	52.33	63.60	−1	−9	57.47	56.74	+7	−3	5.74	53.22	+1	+9
8	51.23	12.17	−8	−5	52.44	63.33	+3	−8	57.70	56.56	+8	+2	6.04	53.18	−2	+8
9	51.19	11.88	−6	−7	52.56	63.06	+6	−5	57.93	56.39	+6	+6	6.33	53.14	−5	+6
10	51.16	11.59	−3	−9	52.68	62.80	+7	−1	58.17	56.22	+3	+8	6.63	53.10	−6	+3
11	51.14	11.30	+1	−9	52.80	62.54	+7	+3	58.41	56.05	0	+9	6.94	53.08	−5	−1
12	51.12	11.01	+4	−7	52.93	62.28	+5	+6	58.65	55.89	−4	+8	7.24	53.05	−3	−4
13	51.10	10.72	+6	−4	53.06	62.02	+2	+8	58.89	55.73	−6	+5	7.54	53.03	0	−6
14	51.09	10.43	+7	0	53.20	61.77	−2	+8	59.14	55.58	−6	+1	7.85	53.02	+4	−6
15	51.09	10.14	+6	+4	53.34	61.51	−5	+6	59.38	55.43	−5	−3	8.15	53.01	+6	−5
16	51.09	9.84	+3	+7	53.49	61.26	−6	+3	59.64	55.29	−2	−5	8.46	53.01	+8	−2
17	51.09	9.55	0	+8	53.64	61.02	−6	−1	59.89	55.15	+1	−6	8.77	53.01	+8	+1
18	51.10	9.26	−4	+8	53.79	60.78	−4	−4	60.15	55.01	+4	−6	9.08	53.01	+7	+4
19	51.11	8.97	−6	+5	53.95	60.54	−1	−6	60.41	54.88	+7	−4	9.38	53.02	+5	+6
20	51.13	8.67	−7	+1	54.11	60.30	+2	−7	60.67	54.76	+8	−2	9.69	53.04	+2	+7
21	51.16	8.38	−6	−2	54.28	60.06	+5	−6	60.94	54.63	+8	+1	10.00	53.06	−1	+7
22	51.19	8.09	−3	−5	54.45	59.73	+7	−3	61.21	54.52	+7	+4	10.31	53.08	−4	+6
23	51.22	7.80	0	−7	54.63	59.50	+8	0	61.48	54.40	+4	+6	10.62	53.11	−7	+4
24	51.26	7.51	+4	−6	54.81	59.27	+8	+3	61.75	54.29	+1	+7	10.93	53.15	−9	+1
25	51.31	7.23	+7	−5	54.99	59.05	+6	+5	62.02	54.19	−2	+7	11.24	53.19	−10	−3
26	51.36	6.94	+8	−2	55.18	58.83	+3	+7	62.29	54.09	−5	+6	11.55	53.23	−9	−6
27	*)51.41	6.65	+8	+1	55.37	58.71	0	+7	62.57	53.99	−8	+3	11.86	53.28	−6	−9
28	51.47	6.37	+7	+4	55.56	58.50	−4	+7	62.85	53.90	−10	0	12.17	53.33	−3	−10
29	51.53	6.08	+5	+6	55.76	58.29	−7	+5	63.13	53.81	−9	−4	12.48	53.39	+1	−10
30	51.60	5.80	+2	+7	55.96	58.08	−9	+2	63.41	53.73	−8	−8	12.79	53.45	+4	−7
31	51.67	5.52	−2	+7	56.17	57.88	−10	−2	63.70	53.65	−5	−10	13.10	53.52	+6	−3
32	51.75	5.24	−5	+6					63.98	53.58	−1	−10	13.41	53.59	+7	+2

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+85° 23′ 50″	12.461	+12.421	+85° 24′ 0″	12.469	+12.429	+85° 24′ 10″	12.477	+12.436
60	12.469	+12.429	10	12.477	+12.436	20	12.484	+12.444

$\alpha_{1944.0} = 4^h\ 18^m\ 4^s.84$ $\delta_{1944.0} = +85°\ 24'\ 11''.83$

*) Tag der doppelten unteren Kulmination: Mai 27.

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Nc) Grb 750 Cepheus $6^{m}.70$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder	
	$4^h 18^m$	$+85°23'$	in $0^s.01$	in $0''.01$	$4^h 18^m$	$+85°23'$	in $0^s.01$	in $0''.01$
1	13.41	53.59	+7	+2	22.34	57.79	0	+9
2	13.72	53.66	+5	+6	22.62	57.99	−4	+8
3	14.03	53.74	+2	+9	22.89	58.20	−6	+5
4	14.34	53.82	−1	+9	23.16	58.41	−7	+2
5	14.65	53.91	−4	+7	23.43	58.63	−5	−2
6	14.96	54.00	−6	+4	23.70	58.85	−3	−5
7	15.27	54.10	−6	0	23.96	59.08	+1	−6
8	15.58	54.21	−4	−3	24.22	59.31	+5	−6
9	15.88	54.31	−1	−6	24.48	59.54	+8	−4
10	16.19	54.43	+3	−6	24.74	59.78	+9	−1
11	16.49	54.54	+6	−5	24.99	60.02	+9	+2
12	16.80	54.66	+8	−3	25.24	60.27	+8	+5
13	17.10	54.79	+9	0	25.49	60.52	+5	+7
14	17.40	54.92	+8	+3	25.74	60.77	+2	+8
15	17.70	55.05	+7	+5	25.98	61.02	−1	+7
16	18.00	55.19	+4	+7	26.22	61.28	−4	+6
17	18.30	55.33	+1	+7	26.46	61.54	−7	+4
18	18.60	55.48	−3	+7	26.69	61.80	−8	0
19	18.89	55.63	−6	+5	26.92	62.07	−9	−3
20	19.19	55.79	−8	+2	27.15	62.34	−7	−6
21	19.48	55.95	−9	−1	27.37	62.61	−5	−9
22	19.78	56.11	−9	−5	27.60	62.89	−2	−10
23	20.07	56.28	−7	−8	27.82	63.17	+2	−9
24	20.36	56.45	−4	−10	28.04	63.45	+4	−6
25	20.65	56.63	−1	−10	28.25	63.74	+6	−2
26	20.94	56.81	+3	−9	28.46	64.03	+6	+2
27	21.22	57.00	+5	−5	28.66	64.32	+4	+6
28	21.50	57.19	+6	−1	28.86	64.61	+1	+8
29	21.78	57.39	+5	+4	29.06	64.91	−3	+8
30	22.06	57.59	+3	+7	29.25	65.21	−6	+6
31	22.34	57.79	0	+9	29.44	65.51	−7	+3
32					29.63	65.82	−7	−1

Tag	November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
	$4^h 18^m$	$+85°24'$	in $0^s.01$	in $0''.01$	$4^h 18^m$	$+85°24'$	in $0^s.01$	in $0''.01$
1	29.63	5.82	−7	−1	33.32	16.16	+5	−7
2	29.81	6.13	−5	−4	33.36	16.51	+8	−4
3	29.99	6.44	−1	−7	33.40	16.86	+9	−1
4	30.17	6.75	+3	−7	33.43	17.21	+9	+3
5	30.34	7.07	+7	−5	33.46	17.56	+8	+6
6	30.51	7.38	+9	−3	33.48	17.90	+5	+8
7	30.67	7.70	+10	+1	33.50	18.25	+2	+8
8	30.83	8.02	+9	+4	33.51	18.59	−2	+8
9	30.99	8.35	+7	+6	33.52	18.94	−5	+6
10	31.14	8.67	+4	+8	33.52	19.28	−7	+3
11	31.29	9.00	0	+8	33.52	19.62	−8	−1
12	31.43	9.33	−3	+7	33.51	19.96	−8	−4
13	31.57	9.66	−6	+5	33.50	20.30	−6	−7
14	31.70	9.99	−8	+2	33.48	20.64	−4	−9
15	31.83	10.33	−8	−2	33.46	20.98	0	−10
16	31.95	10.66	−8	−5	33.43	21.32	+3	−8
17	32.07	11.00	−6	−8	33.40	21.65	+6	−5
18	32.19	11.34	−3	−10	33.36	21.98	+7	−1
19	32.30	11.68	+1	−9	33.32	22.31	+6	+3
20	32.41	12.02	+4	−7	33.27	22.64	+4	+6
21	32.51	12.36	+6	−4	33.21	22.97	0	+8
22	32.61	12.70	+6	0	33.15	23.30	−3	+8
23	32.70	13.05	+5	+4	33.09	23.62	−6	+6
24	32.79	13.39	+2	+7	33.02	23.94	−7	+2
25	32.87 32.95	13.74 14.08	−2 −5	+8 +7	32.95	24.26	−7	−2
26	33.03	14.43	−7	+4	32.87	24.58	−5	−5
27	33.10	14.77	−8	+1	32.78	24.89	−1	−7
28	33.16	15.12	−6	−3	32.69	25.20	+3	−7
29	33.22	15.47	−3	−6	32.60	25.51	+6	−5
30	33.27	15.82	+1	−7	32.50	25.82	+8	−3
31	33.32	16.16	+5	−7	32.39	26.12	+9	+1
32					32.28	26.42	+8	+4

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+85° 23′ 50″	12.461	+12.421	+85° 24′ 0″	12.469	+12.429	+85° 24′ 20″	12.484	+12.444
60	12.469	+12.429	10	12.477	+12.436	30	12.492	+12.451

$\alpha_{1944.0} = 4^h\ 18^m\ 4^s.84$ $\qquad$ $\delta_{1944.0} = +85°\ 24'\ 11''.83$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Nd) 51 Hev. Cephei $5^{m}.26$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder		Februar AR.	Februar Dekl.	Februar ☾ Glieder		März AR.	März Dekl.	März ☾ Glieder		April AR.	April Dekl.	April ☾ Glieder	
	$7^h 15^m$	$+87°8'$	in $0^s.01$	in $0''.01$	$7^h 15^m$	$+87°8'$	in $0^s.01$	in $0''.01$	$7^h 15^m$	$+87°8'$	in $0^s.01$	in $0''.01$	$7^h 14^m$	$+87°8'$	in $0^s.01$	in $0''.01$
1	17.95	6.30	+12	+4	18.87	16.66	−6	+3	12.37	24.49	−6	−3	60.57	28.46	+8	−7
2	18.12	6.62	+8	+7	18.76	16.97	−7	−1	12.05	24.70	−3	−6	60.16	28.49	+11	−5
3	18.27	6.94	+3	+8	18.63	17.28	−5	−4	11.72	24.91	+1	−8	59.74	28.52	+11	−2
4	18.42	7.25	−2	+7	18.50	17.59	−2	−7	11.38	25.11	+5	−8	59.33	28.54	+11	+1
5	18.56	7.57	−5	+5	18.36	17.89	+2	−8	11.05	25.30	+8	−6	58.92	28.56	+9	+4
6	18.69	7.89	−7	+1	18.21	18.20	+5	−7	10.70	25.49	+10	−4	58.50	28.57	+5	+6
7	18.81	8.21	−7	−2	18.06	18.50	+8	−6	10.35	25.68	+11	−1	58.09	28.57	+1	+7
8	18.93	8.53	−5	−5	17.89	18.80	+10	−3	10.00	25.86	+10	+2	57.67	28.57	−4	+8
9	19.03	8.86	−1	−7	17.71	19.10	+10	0	9.64	26.03	+7	+5	57.26	28.56	−9	+6
10	19.13 19.22	9.18 9.51	+2 +6	−8 −7	17.53	19.39	+8	+3	9.28	26.20	+3	+7	56.84	28.55	−12	+4
11	19.29	9.83	+8	−5	17.34	19.68	+5	+5	8.91	26.37	−2	+8	56.43	28.53	−14	+1
12	19.36	10.16	+10	−2	17.14	19.97	+1	+7	8.54	26.53	−7	+8	56.02	28.50	−14	−3
13	19.42	10.49	+9	+1	16.94	20.25	−4	+8	8.17	26.68	−11	+6	55.62	28.46	−11	−6
14	19.47	10.82	+7	+4	16.73	20.53	−9	+7	7.79	26.82	−14	+3	55.21	28.42	−6	−8
15	19.52	11.14	+4	+7	16.51	20.81	−13	+5	7.41	26.96	−15	−1	54.81	28.38	0	−8
16	19.55	11.47	−1	+8	16.28	21.08	−16	+2	7.03	27.10	−14	−4	54.41	28.33	+6	−6
17	19.57	11.80	−7	+8	16.04	21.35	−16	−2	6.64	27.23	−10	−7	54.01	28.27	+9	−3
18	19.58	12.13	−11	+7	15.80	21.62	−13	−5	6.25	27.35	−4	−8	53.61	28.21	+10	+1
19	19.59	12.46	−15	+4	15.55	21.88	−7	−8	5.86	27.47	+2	−7	53.21	28.14	+9	+5
20	19.59	12.79	−16	0	15.29	22.14	−1	−8	5.46	27.58	+7	−5	52.82	28.06	+5	+8
21	19.58	13.12	−14	−4	15.03	22.40	+5	−7	5.07	27.69	+10	−1	52.43	27.98	0	+9
22	19.56	13.45	−10	−7	14.76	22.65	+10	−3	4.66	27.79	+11	+3	52.05	27.90	−4	+7
23	19.53	13.77	−3	−8	14.48	22.89	+12	+1	4.26	27.88	+8	+7	51.66	27.81	−8	+4
24	19.49	14.10	+3	−8	14.20	24.13	+11	+5	3.86	27.97	+4	+8	51.28	27.71	−8	0
25	19.45	14.42	+9	−6	13.91	23.37	+7	+7	3.45	28.05	−1	+8	50.90	27.61	−7	−4
26	19.39	14.75	+12	−2	13.61	23.61	+3	+8	3.04	28.13	−5	+6	50.52	27.51	−3	−7
27	19.33	15.07	+13	+2	13.31	23.84	−2	+7	2.64	28.20	−7	+2	50.15	27.40	+2	−8
28	19.25	15.39	+10	+6	13.00	24.06	−5	+4	2.22	28.26	−7	−2	49.78	27.28	+6	−8
29	19.17	15.71	+6	+8	12.69	24.28	−7	0	1.81	28.32	−5	−5	49.42	27.16	+10	−6
30	19.08	16.03	+1	+8	12.37	24.49	−6	−3	1.40	28.37	−1	−8	49.06	27.03	+12	−4
31	18.98	16.34	−4	+6					0.98	28.42	+4	−8	48.70	26.90	+12	0
32	18.87	16.66	−6	+3					0.57	28.46	+8	−7				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+87° 8′ 0″	19.995	+19.970	+87° 8′ 10″	20.015	+19.990	+87° 8′ 20″	20.034	+20.009
10	20.015	+19.990	20	20.034	+20.009	30	20.053	+20.029

$\alpha_{1944.0} = 7^h\ 15^m\ 1^s.32$ $\delta_{1944.0} = +87°\ 8'\ 14''.10$

Nd) 51 Hev. Cephei $5^m.26$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	$7^h 14^m$	+ 87° 8′	in 0.01 s	0.01″	$7^h 14^m$	+ 87° 8′	in 0.01 s	0.01″	$7^h 14^m$	+ 87° 8′	in 0.01 s	0.01″	$7^h 14^m$	+ 87° 7′	in 0.01 s	0.01″
1	48.70 s	26.90″	+12	0	40.24 s	20.54″	− 1	+8	38.11 s	11.77″	−13	+5	42.78 s	62.34″	−10	−7
2	48.35	26.76	+10	+3	40.06	20.28	− 6	+8	38.15	11.46	−15	+1	43.04	62.05	− 4	−9
3	48.00	26.61	+ 7	+5	39.89	20.01	−10	+6	38.20	11.15	−15	−3	43.30	61.77	+ 3	−8
4	47.66	26.46	+ 3	+7	39.73	19.74	−13	+3	38.26	10.84	−11	−6	43.57	61.49	+ 8	−5
5	47.32	26.31	− 2	+8	39.58	19.47	−14	0	38.33	10.52	− 6	−8	43.85	61.20	+11	−1
6	46.99	26.15	− 7	+7	39.43	19.20	−13	−4	38.40	10.21	0	−9	44.13	60.93	+12	+3
7	46.66	25.99	−11	+5	39.29	18.92	− 9	−7	38.48	9.90	+ 6	−7	44.42	60.65	+ 9	+6
8	46.33	25.82	−14	+2	39.16	18.64	− 3	−8	38.57	9.59	+10	−4	44.71	60.38	+ 5	+8
9	46.01	25.65	−14	−2	39.03	18.36	+ 3	−8	38.66	9.28	+12	0	45.01	60.11	0	+8
10	45.70	25.47	−11	−5	38.91	18.08	+ 8	−6	*)38.76	8.97	+11	+5	45.32	59.84	− 5	+6
11	45.39	25.29	− 7	−7	38.80	17.79	+11	−2	38.87	8.66	+ 7	+7	45.63	59.57	− 7	+2
12	45.08	25.10	− 1	−8	38.69	17.50	+11	+2	38.99	8.35	+ 2	+8	45.95	59.31	− 7	−2
13	44.79	24.91	+ 4	−7	38.59	17.21	+ 9	+6	39.11	8.04	− 3	+7	46.27	59.05	− 5	−5
14	44.49	24.72	+ 9	−4	38.50	16.92	+ 5	+8	39.24	7.73	− 7	+5	46.60	58.79	− 1	−7
15	44.20	24.52	+11	0	38.42	16.63	0	+8	39.38	7.42	− 8	+1	46.94	58.53	+ 3	−8
16	43.92	24.32	+10	+4	38.35	16.34	− 5	+7	39.53	7.11	− 7	−3	47.28	58.28	+ 7	−7
17	43.64	24.11	+ 7	+7	38.28	16.04	− 8	+4	39.68	6.80	− 4	−6	47.63	58.03	+10	−5
18	43.37	23.90	+ 2	+9	38.22	15.74	− 8	0	39.84	6.49	0	−8	47.98	57.78	+12	−2
19	43.11	23.68	− 3	+8	38.17	15.44	− 7	−4	40.01	6.19	+ 4	−8	48.33	57.54	+11	+1
20	42.85	23.46	− 7	+6	38.12	15.14	− 3	−7	40.18	5.89	+ 8	−7	48.69	57.30	+ 9	+4
21	42.60	23.24	− 9	+2	38.08	14.84	+ 2	−8	40.36	5.58	+10	−4	49.06	57.06	+ 5	+6
22	42.35	23.01	− 8	−2	38.05	14.54	+ 6	−8	40.55	5.28	+11	−1	49.43	56.82	+ 1	+8
23	42.11	22.78	− 5	−5	38.03	14.24	+ 9	−6	40.74	4.98	+10	+2	49.81	56.59	− 5	+8
24	41.88	22.54	− 1	−8	38.01	13.93	+11	−3	40.94	4.68	+ 7	+5	50.19	56.35	−10	+7
25	41.65	22.30	+ 3	−8	38.00	13.62	+11	0	41.15	4.38	+ 3	+7	50.58	56.13	−14	+4
26	41.43	22.06	+ 8	−7	38.00	13.32	+10	+3	41.36	4.09	− 2	+8	50.97	55.90	−16	+1
27	41.21	21.82	+11	−5	38.01	13.01	+ 6	+6	41.58	3.79	− 7	+8	51.37	55.68	−15	−3
28	41.00	21.57	+12	−2	38.02	12.70	+ 1	+8	41.81	3.50	−12	+6	51.77	55.46	−12	−6
29	40.80	21.32	+11	+1	38.04	12.39	− 4	+8	42.04	3.20	−15	+3	52.17	55.25	− 7	−8
30	40.60	21.06	+ 8	+4	38.07	12.08	− 9	+7	42.28	2.91	−16	−1	52.58	55.03	− 1	−8
31	40.42	20.80	+ 4	+7	38.11	11.77	−13	+5	42.53	2.62	−14	−4	53.00	54.82	+ 5	−7
32	40.24	20.54	− 1	+8					42.78	2.34	−10	−7	53.41	54.62	+ 9	−3

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+87° 7′ 50″	19.976	+ 19.951	+87° 8′ 0″	19.995	+ 19.970	+87° 8′ 20″	20.034	+ 20.009
60	19.995	+ 19.970	10	20.015	+ 19.990	30	20.053	+ 20.029

$\alpha_{1944.0} = 7^h\ 15^m\ 1^s.32$ $\delta_{1944.0} = +87°\ 8'\ 14''.10$

*) Tag der doppelten unteren Kulmination: Juli 10.

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Nd) 51 Hev. Cephei $5^m.26$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
	$7^h 14^m$	+87° 7′	in 0.01 s	in 0.01 ″	$7^h 15^m$	+87° 7′	in 0.01 s	in 0.01 ″	$7^h 15^m$	+87° 7′	in 0.01 s	in 0.01 ″	$7^h 15^m$	+87° 7′	in 0.01 s	in 0.01 ″
	s	″			s	″			s	″			s	″		
1	53.41	54.62	+ 9	−3	7.54	50.31	+ 7	+7	23.50	50.15	− 9	+4	37.17	54.54	− 5	−6
2	53.84	54.42	+11	+1	8.05	50.23	+ 2	+9	24.00	50.23	− 9	0	37.56	54.76	0	−9
3	54.26	54.22	+10	+5	8.56	50.16	− 3	+8	24.50	50.31	− 7	−5	37.94	54.98	+ 5	−9
4	54.69	54.03	+ 6	+8	9.08	50.09	− 6	+6	25.00	50.39	− 2	−8	38.32	55.21	+10	−7
5	55.13	53.84	+ 1	+9	9.59	50.02	− 8	+2	25.50	50.48	+ 3	−9	38.69	55.44	+13	−4
6	55.57	53.65	− 4	+7	10.11	49.96	− 7	−2	25.99	50.58	+ 8	−8	39.06	55.68	+14	−1
7	56.01	53.47	− 7	+4	10.62	49.91	− 4	−6	26.48	50.68	+12	−6	39.41	55.92	+12	+3
8	56.46	53.29	− 7	0	11.14	49.86	+ 1	−8	26.97	50.78	+14	−3	39.76	56.16	+ 9	+5
9	56.91	53.11	− 6	−4	11.65	49.81	+ 6	−9	27.45	50.89	+13	0	40.11	56.41	+ 4	+7
10	57.36	52.84	− 2	−7	12.17	49.77	+10	−7	27.94	51.01	+11	+4	40.45	56.66	− 1	+8
11	57.82	52.67	+ 3	−8	12.69	49.74	+12	−5	28.42	51.13	+ 7	+6	40.78	56.92	− 6	+7
12	58.28	52.51	+ 7	−8	13.21	49.71	+13	−1	28.89	51.25	+ 2	+8	41.10	57.18	−11	+5
13	58.74	52.35	+10	−6	13.72	49.68	+12	+2	29.37	51.38	− 3	+8	41.42	57.44	−13	+2
14	59.21	52.20	+12	−3	14.24	49.66	+ 9	+5	29.84	51.52	− 8	+6	41.73	57.70	−14	−1
15	59.68	52.15	+12	0	14.76	49.65	+ 5	+7	30.31	51.66	−12	+4	42.03	57.97	−12	−5
16	60.15	52.00	+10	+3	15.28	49.64	0	+8	30.77	51.80	−14	+1	42.33	58.24	− 8	−8
17	60.63	51.86	+ 7	+5	15.80	49.63	− 5	+7	31.23	51.95	−13	−3	42.62	58.52	− 3	−9
18	61.11	51.72	+ 3	+7	16.31	49.63	−10	+6	31.68	52.10	−11	−6	42.90	58.80	+ 2	−8
19	61.59	51.59	− 2	+8	16.83	49.64	−13	+3	32.13	52.26	− 7	−8	43.18	59.08	+ 7	−5
20	62.07	51.46	− 7	+7	17.35	49.65	−14	0	32.58	52.42	− 2	−9	43.45	59.37	+10	−2
21	62.56	51.33	−12	+5	17.87	49.66	−14	−4	33.02	52.59	+ 4	−7	43.71	59.65	+10	+3
22	63.05	51.21	−15	+2	18.38	49.68	−11	−7	33.46	52.77	+ 8	−4	43.96	59.94	+ 8	+6
23	63.54	51.09	−15	−1	18.90	49.71	− 6	−8	33.89	52.95	+10	0	44.20	60.23	+ 3	+8
24	64.03	50.98	−14	−5	19.41	49.74	0	−8	34.32	53.13	+ 9	+4	44.44	60.53	− 2	+9
25	64.53	50.87	−10	−7	19.93	49.77	+ 5	−6	34.74	53.32	+ 5	+8	44.67	60.83	− 7	+7
26	65.03	50.77	− 4	−8	20.45	49.81	+ 9	−2	35.16	53.51	+ 1	+9	44.89	61.13	− 9	+3
27	65.53	50.67	+ 2	−7	20.96	49.85	+10	+2	35.57	53.71	− 4	+8	45.10	61.43	−10	−1
28	66.03	50.57	+ 7	−4	21.47	49.90	+ 8	+6	35.98	53.91	− 8	+6	45.31	61.74	− 7	−5
29	66.53	50.48*	+10	0	21.98	49.96	+ 3	+9	36.38	54.12	−10	+2	45.50	62.05	− 3	−8
30	67.04	50.39	+10	+4	22.49	50.02	− 2	+9	36.78	54.33	− 9	−3	45.69	62.36	+ 3	−9
31	67.54	50.31	+ 7	+7	22.99	50.08	− 6	+7	37.17	54.54	− 5	−6	45.87	62.67	+ 8	−8
32					23.50	50.15	− 9	+4					46.04	62.98	+11	−6

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+87° 7′ 40″	19.957	+ 19.932	+87° 7′ 50″	19.976	+ 19.951	+87° 8′ 0″	19.995	+19.970
50	19.976	+ 19.951	60	19.995	+ 19.970	10	20.015	+19.990

$\alpha_{1944.0} = 7^h\ 15^m\ 1^s.32$ $\delta_{1944.0} = +87°\ 8'\ 14''.10$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Ne) 1 Hev. Draconis $4^m.58$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$9^h 29^m$	$+81° 34'$	in $0^s.01$	in $0''.01$	$9^h 29^m$	$+81° 34'$	in $0^s.01$	in $0''.01$	$9^h 29^m$	$+81° 34'$	in $0^s.01$	in $0''.01$	$9^h 29^m$	$+81° 34'$	in $0^s.01$	in $0''.01$
1	18.34	22.01	+5	−1	21.40	29.58	0	+6	21.74	38.84	−3	−1	19.51	46.97	+1	−9
2	18.47	22.19	+4	+3	21.45	29.88	−2	+4	21.70	39.14	−2	−4	19.40	47.17	+3	−8
3	18.60	22.37	+3	+5	21.50	30.18	−3	+1	21.66	39.44	−1	−7	19.29	47.37	+4	−6
4	18.73	22.56	+1	+6	21.55	30.48	−3	−2	21.62	39.74	0	−8	19.18	47.56	+4	−3
5	18.86	22.76	−1	+6	21.60	30.78	−2	−5	21.58	40.04	+2	−8	19.07	47.75	+4	0
6	18.98	22.96	−2	+3	21.64	31.08	−1	−7	21.53	40.34	+3	−7	18.96	47.93	+3	+3
7	19.11	23.16	−3	0	21.69	31.38	0	−8	21.49	40.63	+4	−5	18.85	48.11	+2	+6
8	19.23	23.37	−3	−3	21.72	31.69	+2	−8	21.43	40.92	+4	−2	18.73	48.28	0	+8
9	19.35	23.59	−2	−5	21.76	32.00	+3	−6	21.38	41.21	+3	+1	18.61	48.45	−2	+9
10	19.47	23.81	−1	−7	21.79	32.31	+3	−4	21.33	41.50	+2	+4	18.50	48.61	−4	+8
11	19.59	24.03	+1	−8	21.82	32.62	+4	0	21.27	41.78	+1	+7	18.38	48.77	−5	+6
12	19.70	24.26	+2	−7	21.84	32.93	+3	+3	21.21	42.06	−1	+9	18.26	48.92	−5	+3
13	19.81	24.49	+3	−5	{21.86 {21.88	33.24 33.56	+2 0	+6} +8}	21.14	42.33	−3	+9	18.14	49.06	−5	−1
14	19.92	24.73	+4	−2	21.89	33.87	−2	+10	21.08	42.61	−5	+8	18.02	49.21	−3	−4
15	20.02	24.97	+3	+1	21.91	34.18	−4	+9	21.01	42.88	−6	+5	17.89	49.34	−1	−7
16	20.13	25.21	+2	+4	21.92	34.49	−5	+7	20.94	43.15	−6	+2	17.77	49.47	+1	−7
17	20.23	25.46	+1	+7	21.93	34.81	−6	+4	20.87	43.42	−5	−2	17.65	49.60	+3	−5
18	20.32	25.71	−1	+9	21.93	35.12	−5	0	20.79	43.68	−3	−5	17.52	49.72	+4	−2
19	20.42	25.97	−3	+10	21.93	35.43	−4	−4	20.71	43.94	−1	−7	17.39	49.84	+4	+1
20	20.51	26.23	−5	+9	21.93	35.74	−2	−7	20.63	44.20	+2	−7	17.27	49.95	+3	+5
21	20.60	26.49	−6	+6	21.92	36.06	+1	−7	20.55	44.45	+3	−4	17.14	50.05	+2	+7
22	20.69	26.76	−6	+2	21.91	36.37	+3	−6	20.46	44.70	+4	−1	17.01	50.15	0	+7
23	20.77	27.03	−5	−2	21.90	36.68	+4	−3	20.37	44.95	+4	+3	16.88	50.24	−2	+6
24	20.85	27.31	−3	−6	21.88	36.99	+5	0	20.28	45.19	+3	+6	16.76	50.33	−3	+3
25	20.93	27.58	0	−8	21.87	37.30	+4	+4	20.19	45.43	+1	+7	16.63	50.41	−3	−1
26	21.00	27.86	+2	−8	21.85	37.61	+3	+6	20.10	45.66	−1	+6	16.50	50.49	−2	−5
27	21.08	28.14	+4	−6	21.83	37.92	+1	+6	20.01	45.89	−2	+4	16.37	50.56	−1	−7
28	21.15	28.42	+5	−2	21.80	38.23	−1	+5	19.91	46.11	−3	+1	16.24	50.62	0	−9
29	21.22	28.71	+5	+1	21.77	38.54	−2	+2	19.81	46.33	−3	−3	16.11	50.68	+2	−9
30	21.28	29.00	+4	+4	21.74	38.84	−3	−1	19.71	46.55	−2	−6	15.98	50.73	+3	−7
31	21.34	29.29	+2	+6					19.61	46.76	0	−8	15.85	50.78	+4	−5
32	21.40	29.58	0	+6					19.51	46.97	+1	−9				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+81° 34′ 20″	6.823	+6.749	+81° 34′ 30″	6.825	+6.752	+81° 34′ 50″	6.830	+6.756
30	6.825	+6.752	40	6.827	+6.754	60	6.832	+6.758

$\alpha_{1944.0} = 9^h\ 29^m\ 16^s.09$ $\delta_{1944.0} = +81°\ 34'\ 35''.70$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Ne) 1 Hev. Draconis $4^m.58$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	$9^h 29^m$	$+81° 34'$	in $0.^s01$	$0.''01$	$9^h 29^m$	$+81° 34'$	in $0.^s01$	$0.''01$	$9^h 29^m$	$+81° 34'$	in $0.^s01$	$0.''01$	$9^h 29^m$	$+81° 34'$	in $0.^s01$	$0.''01$
1	$15.^s85$	$50.''78$	+4	−5	$12.^s00$	$49.''46$	+2	+7	$9.^s35$	$43.''61$	−4	+9	$8.^s45$	$34.''41$	−5	−3
2	15.72	50.82	+4	−1	11.89	49.33	0	+8	9.29	43.35	−5	+6	8.46	34.08	−3	−6
3	15.59	50.86	+3	+2	11.78	49.20	−2	+9	9.23	43.09	−6	+3	8.47	33.75	−1	−8
4	15.46	50.89	+2	+5	11.67	49.06	−4	+7	9.17	42.83	−5	−1	8.47	33.42	+2	−7
5	15.33	50.91	+1	+7	11.56	48.91	−5	+5	9.11	42.56	−4	−5	8.49	33.09	+4	−5
6	15.20	50.93	−1	+9	11.46	48.76	−5	+1	9.06	42.29	−2	−7	8.50	32.76	+5	−2
7	15.07	50.94	−3	+8	11.35	48.61	−4	−3	9.01	42.02	+1	−8	8.52	32.43	+4	+2
8	14.94	50.95	−4	+6	11.25	48.45	−3	−6	8.96	41.74	+3	−7	8.54	32.09	+3	+5
9	14.81	50.95	−5	+3	11.14	48.29	−1	−8	8.92	41.47	+4	−4	8.56	31.76	+1	+7
10	14.68	50.95	−5	0	11.04	48.12	+1	−7	8.87	41.18	+5	0	8.59	31.42	−1	+6
11	14.55	50.94	−4	−4	10.95	47.95	+3	−5	8.83	40.90	+4	+3	8.61	31.08	−2	+4
12	14.42	50.92	−2	−6	10.85	47.77	+4	−2	8.79	40.61	+2	+6	8.64	30.75	−3	+1
13	14.30	50.90	0	−7	10.76	47.59	+4	+2	8.75	40.32	0	+7	*)8.67	30.41	−3	−3
14	14.17	50.88	+2	−7	10.67	47.40	+3	+5	8.72	40.03	−1	+6	8.70	30.07	−2	−6
15	14.04	50.85	+4	−4	10.58	47.21	+1	+7	8.68	39.74	−3	+3	8.73	29.74	−1	−8
16	13.91	50.81	+4	0	10.49	47.02	0	+7	8.65	39.44	−3	0	8.77	29.40	+1	−9
17	13.79	50.76	+4	+3	10.40	46.82	−2	+6	8.62	39.14	−3	−4	8.81	29.06	+3	−8
18	13.66	50.71	+2	+6	10.31	46.62	−3	+3	8.59	38.84	−2	−6	8.85	28.72	+4	−6
19	13.53	50.65	0	+8	10.23	46.41	−3	−1	8.57	38.53	0	−8	8.90	28.38	+4	−3
20	13.41	50.59	−1	+7	10.14	46.20	−2	−5	8.55	38.23	+2	−8	8.94	28.04	+4	0
21	13.29	50.53	−3	+5	10.06	45.98	−1	−7	8.53	37.92	+3	−7	8.99	27.71	+3	+3
22	13.16	50.46	−3	+1	9.98	45.76	0	−9	8.51	37.61	+4	−5	9.04	27.37	+2	+6
23	13.04	50.38	−3	−3	9.90	45.54	+2	−8	8.50	37.30	+4	−2	9.09	27.03	0	+8
24	12.92	50.30	−2	−6	9.83	45.31	+3	−7	8.48	36.98	+4	+2	9.15	26.69	−2	+9
25	12.80	50.21	0	−8	9.75	45.08	+4	−4	8.47	36.67	+3	+5	9.20	26.36	−4	+9
26	12.68	50.12	+1	−9	9.68	44.84	+4	−1	8.46	36.35	+1	+8	9.26	26.02	−5	+7
27	12.57	50.02	+3	−8	9.61	44.60	+3	+3	8.45	36.03	−1	+9	9.32	25.68	−6	+3
28	12.45	49.92	+4	−6	9.54	44.36	+2	+6	8.45	35.71	−3	+9	9.39	25.35	−5	−1
29	12.34	49.81	+4	−3	9.47	44.11	0	+8	8.44	35.38	−5	+8	9.45	25.01	−4	−4
30	12.22	49.70	+4	+1	9.41	43.86	−2	+9	8.45	35.06	−6	+5	9.52	24.67	−2	−7
31	12.11	49.58	+3	+4	9.35	43.61	−4	+9	8.45	34.74	−6	+1	9.59	24.34	+1	−7
32	12.00	49.46	+2	+7					8.45	34.41	−5	−3	9.66	24.01	+3	−6

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+81° 34′ 20″	6.823	+6.749	+81° 34′ 30″	6.825	+6.752	+81° 34′ 50″	6.830	+6.756
30	6.825	+6.752	40	6.827	+6.754	60	6.832	+6.758

$\alpha_{1944.0} = 9^h\ 29^m\ 16.^s09$ $\delta_{1944.0} = +81°\ 34'\ 35.''70$

*) Tag der doppelten unteren Kulmination: Aug. 13.

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Ne) 1 Hev. Draconis $4^m.58$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
	$9^h 29^m$	$+81° 34'$	in $0^s.01$	in $0''.01$	$9^h 29^m$	$+81° 34'$	in $0^s.01$	in $0''.01$	$9^h 29^m$	$+81° 34'$	in $0^s.01$	in $0''.01$	$9^h 29^m$	$+81° 34'$	in $0^s.01$	in $0''.01$
1	9.66	24.01	+3	−6	12.71	14.77	+4	+4	17.38	8.01	−2	+6	22.61	5.77	−3	−3
2	9.74	23.68	+4	−3	12.84	14.50	+3	+7	17.55	7.86	−3	+3	22.78	5.79	−2	−7
3	9.81	23.35	+5	+1	12.97	14.23	+1	+8	17.72	7.71	−3	−2	22.96	5.81	0	−9
4	9.89	23.02	+4	+4	13.10	13.96	−1	+7	17.89	7.57	−2	−6	23.13	5.83	+2	−10
5	9.97	22.69	+2	+7	13.24	13.70	−3	+4	18.06	7.43	−1	−9	23.30	5.86	+4	−8
6	10.05	22.36	0	+7	13.38	13.44	−3	0	18.23	7.30	+1	−10	23.48	5.89	+5	−6
7	10.14	22.03	−2	+6	13.52	13.18	−3	−4	18.41	7.18	+3	−9	23.65	5.93	+5	−2
8	10.22	21.71	−3	+3	13.65	12.93	−2	−7	18.58	7.06	+4	−7	23.82	5.98	+4	+1
9	10.31	21.38	−3	−1	13.79	12.68	0	−9	18.75	6.94	+5	−4	23.99	6.04	+3	+5
10	10.40	21.06	−2	−5	13.94	12.43	+2	−10	18.92	6.83	+5	−1	24.16	6.10	+1	+7
11	10.49	20.74	−1	−8	14.08	12.19	+3	−8	19.10	6.73	+4	+3	24.32	6.16	−1	+8
12	10.59	20.42	+1	−9	14.22	11.95	+4	−6	19.27	6.63	+2	+6	24.49	6.23	−3	+8
13	10.68	20.11	+3	−9	14.37	11.71	+5	−3	19.45	6.53	+1	+8	24.66	6.31	−4	+7
14	10.78	19.79	+4	−7	14.51	11.48	+4	+1	19.62	6.44	−1	+8	24.82	6.39	−5	+4
15	10.88	19.48	+4	−4	14.66	11.25	+3	+4	19.79	6.35	−3	+7	24.98	6.48	−5	0
16	10.98	19.17	+4	−1	14.81	11.02	+2	+6	19.97	6.27	−5	+6	25.14	6.57	−4	−3
17	11.08	18.86	+4	+2	14.96	10.80	0	+8	20.14	6.20	−5	+3	25.30	6.67	−3	−6
18	11.19	18.55	+2	+5	15.12	10.59	−2	+8	20.32	6.13	−5	−1	25.46	6.78	−1	−7
19	11.29	18.25	+1	+7	15.27	10.37	−4	+7	20.50	6.07	−4	−4	25.62	6.89	+2	−7
20	11.40	17.95	−1	+8	15.43	10.17	−5	+5	20.67	6.02	−2	−6	25.78	7.00	+3	−5
21	11.51	17.65	−3	+9	15.58	9.96	−6	+2	20.85	5.97	0	−7	25.93	7.12	+4	−1
22	11.62	17.35	−5	+7	15.74	9.76	−5	−2	21.03	5.92	+2	−6	26.08	7.25	+4	+3
23	11.74	17.05	−6	+4	15.90	9.57	−4	−5	21.20	5.88	+4	−3	26.24	7.38	+3	+6
24	11.85	16.75	−6	+1	16.06	9.38	−2	−7	21.38	5.85	+4	0	26.39	7.51	+1	+8
25	11.97	16.46	−5	−3	16.22	9.19	+1	−7	21.56	5.82	+3	+4	26.54	7.65	−1	+8
26	12.09	16.17	−3	−6	16.38	9.01	+3	−5	21.73	5.80	+2	+7	26.69	7.80	−3	+6
27	12.21	15.89	−1	−7	16.55	8.83	+4	−2	21.91	5.78	0	+9	26.83	7.95	−3	+3
28	12.33	15.60	+2	−6	16.71	8.66	+4	+2	22.08	5.77	−2	+8	26.98	8.11	−3	−2
29	12.46	15.32	+4	−4	16.87	8.49	+3	+6	22.26	5.77	−3	+5	27.12	8.28	−2	−6
30	12.58	15.05	+4	0	17.04	8.33	+1	+8	22.43	5.77	−4	+1	27.26	8.44	−1	−8
31	12.71	14.77	+4	+4	17.21	8.17	−1	+8	22.61	5.77	−3	−3	27.40	8.62	+1	−9
32					17.38	8.01	−2	+6					27.53	8.80	+3	−9

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+81° 34′ 0″	6.819	+6.745	+81° 34′ 10″	6.821	+6.747	+81° 34′ 20″	6.823	+6.749
10	6.821	+6.747	20	6.823	+6.749	30	6.825	+6.752

$\alpha_{1944.0} = 9^h\ 29^m\ 16^s.09$ $\delta_{1944.0} = +81°\ 34'\ 35''.70$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

N f) 30 Hev. Camelopardalis $5^m.34$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder		Februar AR.	Februar Dekl.	Februar ☾ Glieder		März AR.	März Dekl.	März ☾ Glieder		April AR.	April Dekl.	April ☾ Glieder	
	$10^h 24^m$	+ 82° 50′	in 0.01s	in 0.01″	$10^h 24^m$	+ 82° 50′	in 0.01s	in 0.01″	$10^h 24^m$	+ 82° 50′	in 0.01s	in 0.01″	$10^h 24^m$	+ 82° 50′	in 0.01s	in 0.01″
	s	″			s	″			s	″			s	″		
1	26.94	27.04	+6	−3	31.46	33.05	+1	+5	33.06	42.04	−3	0	31.52	51.21	0	−9
2	27.12	27.15	+5	+1	31.56	33.32	−1	+4	33.06	42.36	−3	−3	31.42	51.46	+2	−9
3	27.30	27.27	+4	+4	31.66	33.59	−3	+2	33.05	42.68	−2	−6	31.32	51.71	+3	−7
4	27.47	27.40	+2	+5	31.75	33.86	−3	−1	33.04	42.99	−1	−8	31.22	51.96	+4	−5
5	27.65	27.53	0	+5	31.85	34.13	−3	−4	33.03	43.31	+1	−8	31.12	52.20	+4	−2
6	27.82	27.67	−2	+4	31.93	34.41	−2	−6	33.02	43.63	+2	−8	31.01	52.44	+4	+2
7	27.99	27.81	−3	+2	32.02	34.69	0	−8	33.00	43.94	+3	−6	30.90	52.68	+3	+5
8	28.16	27.96	−3	−1	32.10	34.98	+1	−8	32.98	44.26	+4	−3	30.79	52.91	+1	+7
9	28.33	28.12	−3	−4	32.18	35.27	+2	−7	32.95	44.57	+4	0	30.68	53.13	−1	+9
10	28.49	28.28	−2	−6	32.26	35.56	+3	−5	32.92	44.88	+3	+3	30.56	53.35	−3	+9
11	28.65	28.45	0	−7	32.33	35.85	+4	−2	32.89	45.19	+2	+6	30.45	53.57	−5	+7
12	28.81	28.62	+1	−7	32.40	36.15	+4	+1	32.86	45.50	0	+8	30.33	53.78	−6	+4
13	28.97	28.79	+3	−6	32.47	36.45	+3	+5	32.82	45.81	−2	+9	30.21	53.99	−6	+1
14	29.13	28.97	+4	−4	32.53	36.75	+1	+8	32.78	46.11	−4	+9	30.09	54.19	−5	−3
15	29.28	29.16	+4	0	32.59	37.05	−1	+9	32.73	46.42	−5	+7	29.96	54.39	−3	−5
16	29.43	29.35	+3	+3	32.64	37.35	−3	+10	32.69	46.72	−6	+4	29.84	54.58	0	−7
17	29.58	29.55	+2	+6	32.70	37.65	−5	+9	32.63	47.02	−6	0	29.71	54.77	+2	−6
18	29.72	29.75	0	+9	32.75	37.96	−6	+6	32.58	47.31	−4	−4	29.58	54.96	+4	−4
19	29.86	29.96	−2	+10	32.79	38.27	−6	+2	32.52	47.61	−2	−6	29.45	55.14	+5	0
20	30.00	30.17	−4	+10	32.83	38.58	−5	−2	32.46	47.90	+1	−7	29.31	55.31	+4	+3
21	30.14	30.39	−5	+8	32.87	38.89	−3	−5	32.40	48.20	+3	−5	29.18	55.48	+3	+6
22	30.27	30.61	−6	+4	32.90	39.20	0	−7	32.33	48.48	+5	−3	29.05	55.65	+1	+7
23	30.40	30.83	−6	0	32.93	39.51	+3	−7	32.26	48.77	+5	+1	28.91	55.81	−1	+6
24	30.53	31.06	−4	−4	32.96	39.83	+5	−5	32.19	49.05	+4	+4	28.77	55.96	−3	+4
25	30.65	31.30	−2	−7	32.99	40.14	+5	−2	32.11	49.33	+2	+6	28.63	56.11	−4	0
26	30.78	31.54	+1	−8	33.01	40.46	+5	+2	32.04	49.61	0	+6	28.49	56.25	−3	−3
27	30.90	31.78	+4	−7	33.03 33.04	40.77 41.09	+3 +1	+4 +6	31.96	49.89	−2	+5	28.35	56.39	−2	−6
28	31.01	32.02	+5	−4	33.05	41.41	−1	+5	31.88	50.16	−3	+2	28.21	56.52	−1	−8
29	31.13	32.27	+5	−1	33.06	41.73	+2	+3	31.79	50.43	−3	−2	28.07	56.65	+1	−9
30	31.24	32.53	+4	+2	33.06	42.04	−3	0	31.70	50.69	−3	−5	27.92	56.77	+3	−8
31	31.35	32.79	+3	+5					31.61	50.95	+2	−7	27.78	56.89	+4	−6
32	31.46	33.05	+1	+5					31.52	51.21	0	−9				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 50′ 20″	8.022	+7.959	+82° 50′ 40″	8.028	+7.966	+82° 50′ 50″	8.031	+7.969
30	8.025	+7.962	50	8.031	+7.969	60	8.034	+7.972

$\alpha_{1944.0} = 10^h\,24^m\,26^s.01$ $\delta_{1944.0} = +82°\,50'\,41''.91$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Nf) 30 Hev. Camelopardalis $5^m.34$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	10^h24^m	+82° 50′	in $0^s.01$	in $0''.01$	10^h24^m	+82° 50′	in $0^s.01$	in $0''.01$	10^h24^m	+82° 50′	in $0^s.01$	in $0''.01$	10^h24^m	+82° 50′	in $0^s.01$	in $0''.01$
1	27.78	56.89	+4	−6	23.09	57.68	+2	+6	19.21	53.44	−3	+9	16.89	45.03	−6	−1
2	27.64	57.00	+4	−3	22.95	57.61	0	+8	19.10	53.22	−5	+8	16.85	44.71	−4	−4
3	27.49	57.11	+4	+1	22.80	57.54	−2	+9	19.00	53.00	−6	+5	16.81	44.39	−2	−7
4	27.34	57.21	+3	+4	22.66	57.46	−4	+9	18.90	52.78	−6	+1	16.78	44.06	+1	−8
5	27.19	57.30	+2	+7	22.51	57.38	−5	+7	18.79	52.55	−5	−3	16.75	43.73	+4	−6
6	27.04	57.39	0	+8	22.37	57.29	−6	+3	18.70	52.32	−3	−6	16.72	43.40	+5	−3
7	26.89	57.47	−2	+9	22.23	57.20	−6	−1	18.60	52.08	0	−8	16.69	43.07	+5	0
8	26.74	57.55	−4	+8	22.09	57.10	−4	−4	18.51	51.84	+2	−7	16.67	42.74	+4	+3
9	26.59	57.62	−5	+5	21.95	57.00	−2	−7	18.41	51.59	+4	−5	16.65	42.40	+2	+6
10	26.44	57.69	−6	+2	21.81	56.89	+1	−8	18.33	51.34	+5	−2	16.63	42.07	0	+6
11	26.28	57.75	−5	−2	21.67	56.77	+3	−6	18.24	51.09	+5	+2	16.61	41.73	−2	+5
12	26.13	57.80	−3	−5	21.54	56.65	+5	−4	18.15	50.83	+3	+5	16.60	41.39	−3	+2
13	25.98	57.85	−1	−7	21.40	56.53	+5	0	18.07	50.57	+1	+6	16.59	41.05	−3	−2
14	25.83	57.90	+2	−7	21.27	56.40	+4	+3	17.99	50.31	−1	+6	16.58	40.70	−3	−5
15	25.67	57.93	+4	−5	21.13	56.26	+2	+6	17.90	50.04	−3	+4	16.57	40.36	−2	−7
16	25.52	57.97	+5	−2	21.00	56.12	0	+7	17.83	49.77	−4	+1	16.57	40.01	0	−9
17	25.36	57.99	+5	+2	20.87	55.98	−2	+6	17.75	49.50	−4	−2	16.57	39.66	+2	−9
18	25.21	58.01	+4	+5	20.74	55.83	−3	+4	17.68	49.22	−3	−5	16.57	39.31	+3	−7
19	25.06	58.02	+2	+7	20.61	55.68	−4	0	17.61	48.94	−1	−7	16.57	38.96	+4	−5
20	24.90	58.03	−1	+7	20.48	55.52	−3	−3	17.54	48.66	+1	−8	16.58	38.61	+4	−1
21	24.75	58.04	−2	+5	20.36	55.35	−2	−6	17.48	48.37	+2	−8	16.59	38.26	+4	+2
22	24.60	58.03	−4	+2	20.24	55.18	−1	−8	17.41	48.08	+3	−6	16.60	37.91	+3	+5
23	24.45	58.02	−4	−2	20.12	55.01	+1	−8	17.35	47.79	+4	−3	16.61	37.55	+1	+8
24	24.29	58.01	−3	−5	20.00	54.83	+3	−7	17.29	47.49	+4	0	16.63	37.19	−1	+9
25	24.14	57.99	−2	−7	19.88	54.64	+4	−5	17.23	47.19	+4	+4	16.65	36.84	−3	+10
26	23.99	57.96	0	−9	19.76	54.45	+4	−2	17.17	46.89	+2	+7	16.67	36.48	−5	+8
27	23.84	57.93	+2	−9	19.65	54.26	+4	+2	17.12	46.59	0	+9	*)16.69	36.12	−6	+5
28	23.69	57.89	+3	−7	19.54	54.06	+3	+5	17.07	46.28	−2	+10	16.72	35.77	−6	+2
29	23.54	57.84	+4	−4	19.42	53.86	+1	+8	17.02	45.97	−4	+9	16.75	35.41	−5	−2
30	23.39	57.79	+4	−1	19.32	53.65	−1	+9	16.97	45.66	−6	+7	16.78	35.05	−3	−5
31	23.24	57.74	+4	+3	19.21	53.44	−3	+9	16.93	45.35	−6	+3	16.82	34.69	0	−7
32	23.09	57.68	+2	+6					16.89	45.03	−6	−1	16.85	34.34	+2	−6

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 50′ 30″	8.025	+7.962	+82° 50′ 40″	8.028	+7.966	+82° 50′ 50″	8.031	+7.969
40	8.028	+7.966	50	8.031	+7.969	60	8.034	+7.972

$\alpha_{1944.0} = 10^h\ 24^m\ 26^s.01$ $\delta_{1944.0} = +82°\ 50'\ 41''.91$

*) Tag der doppelten unteren Kulmination: Aug. 27.

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Nf) 30 Hev. Camelopardalis $5^m.34$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
	10^h24^m	+82° 50′	in $0^s.01$	in $0''.01$	10^h24^m	+82° 50′	in $0^s.01$	in $0''.01$	10^h24^m	+82° 50′	in $0^s.01$	in $0''.01$	10^h24^m	+82° 50′	in $0^s.01$	in $0''.01$
1	16.85	34.34	+2	−6	19.11	23.83	+5	+2	23.59	14.95	−2	+7	29.31	10.27	−4	−2
2	16.89	33.98	+4	−4	19.22	23.50	+4	+5	23.76	14.72	−3	+4	29.51	10.20	−3	−6
3	16.94	33.62	+5	−1	19.34	23.17	+2	+7	23.94	14.50	−4	0	29.71	10.14	−1	−9
4	16.98	33.26	+5	+3	19.46	22.84	0	+7	24.12	14.28	−3	−4	29.91	10.08	+1	−10
5	17.03	32.90	+3	+5	19.58	22.52	−2	+5	24.30	14.06	−2	−8	30.11	10.03	+3	−9
6	17.08	32.54	+1	+6	19.70	22.20	−3	+2	24.48	13.85	0	−10	30.31	9.98	+4	−7
7	17.13	32.18	−1	+6	19.83	21.88	−3	−2	24.66	13.65	+2	−10	30.52	9.94	+5	−4
8	17.18	31.83	−3	+3	19.96	21.56	−3	−6	24.84	13.45	+4	−8	30.72	9.91	+5	0
9	17.24	31.47	−4	0	20.09	21.25	−1	−9	25.03	13.25	+5	−6	30.92	9.88	+4	+3
10	17.30	31.11	−3	−4	20.22	20.94	+1	−10	25.21	13.06	+5	−3	31.12	9.86	+2	+6
11	17.36	30.75	−2	−7	20.35	20.63	+3	−9	25.40	12.88	+4	+1	31.32	9.84	0	+8
12	17.43	30.40	0	−9	20.48	20.33	+4	−7	25.58	12.70	+3	+4	31.52	9.83	−2	+9
13	17.50	30.04	+2	−9	20.62	20.03	+5	−4	25.77	12.52	+2	+7	31.72	9.83	−4	+8
14	17.57	29.69	+3	−8	20.76	19.73	+5	−1	25.96	12.35	−1	+8	31.92	9.83	−5	+6
15	17.64	29.33	+4	−6	20.90	19.43	−4	+2	26.15	12.19	−3	+8	32.12	9.84	−6	+2
16	17.71	28.98	+5	−3	21.04	19.14	+3	+5	26.34	12.03	−5	+7	32.32	9.85	−5	−1
17	17.79	28.62	+4	0	21.19	18.85	+1	+7	26.53	11.87	−6	+5	32.52	9.87	−4	−4
18	17.87	28.27	+3	+4	21.34	18.56	−1	+9	26.73	11.72	−6	+1	32.72	9.90	−2	−7
19	17.95	27.92	+2	+7	21.49	18.28	−3	+9	26.92	11.58	−5	−2	32.91	9.94	+1	−7
20	18.03	27.57	0	+8	21.64	18.00	−5	+7	27.12	11.44	−3	−5	33.11	9.98	+3	−6
21	18.12	27.22	−2	+9	21.79	17.73	−6	+4	27.31	11.30	−1	−7	33.30	10.02	+4	−3
22	18.21	26.88	−4	+8	21.94	17.45	−6	0	27.51	11.17	+2	−6	33.50	10.07	+5	+1
23	18.30	26.53	−6	+6	22.10	17.18	−5	−3	27.71	11.05	+4	−4	33.69	10.13	+4	+4
24	18.39	26.18	−6	+3	22.26	16.92	−3	−5	27.91	10.93	+5	−1	33.88	10.19	+2	+7
25	18.49	25.84	−6	0	22.42	16.66	0	−6	28.11	10.82	+4	+3	34.07	10.26	0	+8
26	18.59	25.50	−4	−4	22.58	16.40	+2	−5	28.31	10.71	+3	+6	34.26	10.34	−2	+7
27	18.69	25.16	−2	−6	22.74	16.15	+4	−3	28.51	10.61	+1	+8	34.45	10.42	−4	+4
28	18.79	24.82	+1	−6	22.91	15.90	+5	+1	28.71	10.52	−1	+8	34.63	10.51	−4	0
29	18.89	24.49	+3	−5	23.08	15.66	+4	+4	28.91	10.43	−3	+6	34.82	10.60	−3	−4
30	19.00	24.16	+5	−2	23.25	15.42	+2	+7	29.11	10.35	−4	+2	35.00	10.70	−2	−7
31	19.11	23.83	+5	+2	23.42	15.18	0	+8	29.31	10.27	−4	−2	35.18	10.81	0	−9
32					23.59	14.95	−2	+7					35.36	10.92	+2	−9

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 50′ 0″	8.016	+7.953	+82° 50′ 20″	8.022	+7.959	+82° 50′ 30″	8.025	+7.962
10	8.019	+7.956	30	8.025	+7.962	40	8.028	+7.966

$\alpha_{1944.0} = 10^h\ 24^m\ 26^s.01$ $\delta_{1944.0} = +82°\ 50'\ 41''.91$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Ng) ε Ursae minoris $4^{m}.40$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	16^h51^m	+82° 7′	in 0.01 s	in 0.01″	16^h51^m	+82° 7′	in 0.01 s	in 0.01″	16^h51^m	+82° 7′	in 0.01 s	in 0.01″	16^h51^m	+82° 7′	in 0.01 s	in 0.01″
1	29.64	55.41	−1	−9	32.68	46.35	+2	−2	37.12	42.45	+1	+4	41.98	44.29	−3	+5
2	29.69	55.07	+1	−9	32.82	46.13	+1	+2	37.29	42.41	0	+6	42.11	44.45	−3	+2
3	29.76	54.73	+2	−7	32.95	45.92	0	+5	37.45	42.38	−1	+7	42.25	44.61	−3	−1
4	29.82	54.39	+2	−4	33.09	45.71	−1	+6	37.62	42.35	−2	+6	42.39	44.78	−2	−4
5	29.89	54.05	+2	0	33.23	45.51	−2	+6	37.78	42.34	−3	+4	42.52	44.95	−1	−6
6	29.96	53.72	+1	+3	33.37	45.31	−2	+5	37.94	42.33	−3	+1	42.65	45.13	0	−7
7	30.03	53.39	0	+5	33.52	45.12	−3	+3	38.10	42.32	−2	−2	42.79	45.31	+1	−7
8	30.10	53.06	−1	+7	33.66	44.94	−3	0	38.27	42.32	−2	−4	42.91	45.50	+2	−6
9	30.18	52.73	−2	+6	33.81	44.76	−2	−2	38.43	42.33	−1	−6	43.04	45.69	+3	−4
10	30.26	52.41	−2	+5	33.96	44.59	−1	−4	38.59	42.35	0	−7	43.16	45.89	+3	−1
11	30.34	52.09	−3	+2	34.11	44.42	0	−6	38.75	42.37	+1	−7	43.29	46.09	+3	+3
12	30.43	51.78	−2	0	34.26	44.26	+1	−7	38.91	42.40	+2	−5	43.41	46.30	+2	+6
13	30.52	51.47	−2	−3	34.41	44.11	+2	−6	39.07	42.43	+3	−3	43.53	46.51	+1	+9
14	30.61	51.16	−1	−5	34.56	43.96	+3	−4	39.23	42.47	+3	+1	43.64	46.73	0	+9
15	30.71	50.86	0	−6	34.71	43.81	+3	−1	39.39	42.52	+3	+5	43.76	46.95	−1	+8
16	30.80	50.56	+1	−7	34.87	43.68	+3	+2	39.55	42.58	+2	+7	43.87	47.18	−2	+5
17	30.90	50.26	+2	−6	35.03	43.54	+3	+6	39.71	42.64	+1	+9	43.98	47.41	−2	+1
18	31.01	49.97	+3	−3	35.18	43.42	+2	+9	39.87	42.70	0	+9	44.09	47.64	−2	−3
19	31.11	49.68	+3	0	35.34	43.30	0	+10	40.03	42.78	−2	+7	44.20	47.88	−1	−7
20	31.22	49.39	+3	+4	35.50	43.19	−1	+9	40.19	42.86	−2	+4	44.31	48.12	0	−9
21	31.33	49.11	+2	+7	35.66	43.08	−2	+6	40.34	42.95	−2	−1	44.41	48.37	+1	−8
22	31.44	48.83	+1	+9	35.82	42.99	−3	+2	40.50	43.04	−2	−5	44.51	48.62	+2	−6
23	31.56	48.56	0	+9	35.98	42.90	−2	−3	40.65	43.14	−1	−8	44.61	48.87	+2	−3
24	31.68	48.30	−2	+7	36.15	42.81	−1	−7	40.80	43.24	+1	−9	44.70	49.13	+2	+1
25	31.80	48.04	−3	+4	36.31	42.73	0	−9	40.95	43.35	+2	−8	44.80	49.39	+1	+4
26	31.92	47.78	−3	−1	36.47	42.66	+1	−9	41.10	43.47	+2	−5	44.89	49.65	0	+6
27	32.04	47.53	−2	−5	36.63	42.60	+2	−7	41.25	43.59	+2	−1	44.97	49.92	−1	+7
28	32.16	47.29	−1	−8	36.80	42.54	+2	−4	41.40	43.72	+1	+3	45.06	50.19	−2	+6
29	32.29	47.05	0	−9	36.96	42.49	+2	0	41.54	43.85	0	+5	45.14	50.46	−3	+3
30	32.42	46.81	+1	−8	37.12	42.45	+1	+4	41.69	43.99	−1	+7	45.22	50.74	−3	0
31	32.55	46.58	+2	−5					41.83	44.14	−2	+6	45.30	51.01	−2	−3
32	32.68	46.35	+2	−2					41.98	44.29	−3	+5				

δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 7′ 40″	7.301	+7.232	+82° 7′ 50″	7.304	+7.235
50	7.304	+7.235	60	7.306	+7.238

$\alpha_{1944.0} = 16^h\ 51^m\ 37.^s81$ $\delta_{1944.0} = +82°\ 7'\ 57.''05$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Ng) ε Ursae minoris $4^m.40$

Tag	Mai				Juni				Juli				August			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	16^h51^m	+82° 7′	in $0^s.01$	in $0''.01$	16^h51^m	+82° 8′	in $0^s.01$	in $0''.01$	16^h51^m	+82° 8′	in $0^s.01$	in $0''.01$	16^h51^m	+82° 8′	in $0^s.01$	in $0''.01$
1	45.30	51.01	−2	−3	46.36	0.50	+1	−7	44.78	9.61	+3	+3	41.02	15.91	−1	+10
2	45.38	51.30	−2	−5	46.35	0.81	+2	−6	44.69	9.86	+2	+6	40.88	16.05	−2	+8
3	45.45	51.58	−1	−7	46.33	1.12	+3	−3	44.60	10.12	+1	+9	40.73	16.18	−2	+4
4	45.52	51.87	+1	−7	46.32 46.30	1.44 1.75	+3 +3	0 +4	44.51	10.37	0	+10	40.57	16.31	−3	−1
5	45.59	52.16	+2	−7	46.28	2.06	+2	+7	44.41	10.62	−1	+9	40.42	16.43	−2	−5
6	45.65	52.45	+2	−5	46.26	2.38	+1	+9	44.31	10.87	−2	+6	40.27	16.55	−1	−8
7	45.71	52.74	+3	−2	46.23	2.69	−1	+9	44.21	11.11	−3	+2	40.11	16.67	0	−9
8	45.77	53.04	+3	+2	46.20	3.00	−2	+7	44.11	11.35	−2	−3	39.96	16.78	+1	−8
9	45.83	53.34	+2	+5	46.17	3.30	−2	+4	44.00	11.58	−1	−6	39.80	16.88	+2	−5
10	45.88	53.64	+1	+8	46.13	3.61	−3	0	43.89	11.81	0	−9	39.64	16.98	+2	−1
11	45.93	53.94	0	+9	46.09	3.92	−2	−4	43.78	12.04	+1	−9	39.48	17.08	+1	+2
12	45.98	54.25	−1	+9	46.05	4.22	−1	−7	43.67	12.26	+2	−7	39.32	17.17	0	+5
13	46.03	54.55	−2	+7	46.01	4.52	0	−9	43.55	12.48	+2	−4	39.15	17.25	−1	+7
14	46.07	54.86	−3	+3	45.96	4.82	+1	−8	43.44	12.70	+2	0	38.99	17.33	−2	+6
15	46.11	55.16	−2	−2	45.91	5.12	+2	−6	43.32	12.91	+1	+4	38.83	17.41	−3	+5
16	46.15	55.47	−1	−5	45.86	5.42	+2	−2	43.20	13.12	0	+6	38.66	17.48	−3	+2
17	46.18	55.78	0	−8	45.81	5.72	+2	+2	43.08	13.33	−1	+7	38.49	17.55	−3	−1
18	46.21	56.09	+1	−9	45.75	6.01	+1	+5	42.96	13.53	−2	+6	38.33	17.61	−2	−4
19	46.24	56.40	+2	−7	45.70	6.30	0	+6	42.83	13.73	−3	+4	38.16	17.67	−1	−6
20	46.27	56.71	+2	−4	45.63	6.59	−1	+7	42.70	13.92	−3	+1	37.99	17.72	0	−7
21	46.29	57.03	+2	0	45.57	6.87	−2	+6	42.57	14.11	−3	−2	37.82	17.76	+1	−7
22	46.31	57.34	+1	+3	45.50	7.16	−3	+3	42.44	14.30	−2	−4	37.65	17.81	+2	−6
23	46.32	57.66	0	+6	45.43	7.44	−3	0	42.30	14.48	−1	−6	37.48	17.84	+3	−4
24	46.34	57.97	−1	+7	45.36	7.72	−2	−3	42.17	14.66	0	−7	37.31	17.87	+3	0
25	46.35	58.29	−2	+6	45.29	8.00	−1	−5	42.03	14.83	+1	−7	37.13	17.90	+3	+3
26	46.36	58.60	−3	+5	45.21	8.28	0	−7	41.89	15.00	+2	−5	36.96	17.92	+2	+7
27	46.37	58.92	−3	+2	45.13	8.55	+1	−7	41.75	15.16	+3	−3	36.79	17.94	+1	+9
28	46.37	59.23	−3	−1	45.05	8.82	+2	−6	41.61	15.32	+3	+1	36.61	17.95	0	+10
29	46.37	59.55	−2	−4	44.96	9.08	+3	−4	41.46	15.47	+3	+5	36.44	17.96	−1	+9
30	46.37	59.87	−1	−6	44.87	9.35	+3	−1	41.32	15.62	+2	+8	36.26	17.96	−2	+6
31	46.36	60.18	0	−7	44.78	9.61	+3	+3	41.17	15.77	+1	+10	36.09	17.95	−2	+2
32	46.36	60.50	+1	−7					41.02	15.91	−1	+10	35.91	17.95	−2	−3

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 7′ 50″	7.304	+7.235	+82° 8′ 0″	7.306	+7.238	+82° 8′ 10″	7.309	+7.240
60	7.306	+7.238	10	7.309	+7.240	20	7.311	+7.243

$\alpha_{1944.0} = 16^h\ 51^m\ 37^s.81$ $\delta_{1944.0} = +82°\ 7'\ 57''.05$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Ng) ε Ursae minoris $4^{m}.40$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
	16^h51^m	+ 82° 8′	in $0^s.01$	in $0''.01$	16^h51^m	+ 82° 8′	in $0^s.01$	in $0''.01$	16^h51^m	+ 82° 7′	in $0^s.01$	in $0''.01$	16^h51^m	+ 82° 7′	in $0^s.01$	in $0''.01$
	s	"			s	"			s	"			s	"		
1	35.91	17.95	−2	−3	30.70	15.36	+1	−9	26.24	68.23	+2	+2	23.90	58.20	−1	+7
2	35.74	17.93	−1	−7	30.54	15.19	+2	−8	26.13	67.94	+1	+5	23.86	57.83	−2	+6
3	35.56	17.91	0	−9	30.38	15.02	+2	−5	26.01	67.64	0	+7	23.83	57.47	−3	+4
4	35.39	17.89	+1	−9	30.21	14.85	+2	−1	25.90	67.34	−2	+7	*)23.80	57.10	−3	+1
5	35.21	17.86	+2	−7	30.05	14.67	+1	+3	25.79	67.03	−3	+5	23.78	56.73	−3	−3
6	35.03	17.83	+2	−3	29.89	14.49	0	+6	25.68	66.73	−3	+2	23.75	56.36	−2	−6
7	34.86	17.79	+2	+1	29.73	14.30	−1	+7	25.58	66.41	−3	−1	23.74	56.00	−1	−8
8	34.68	17.75	+1	+4	29.57	14.11	−2	+6	25.48	66.10	−3	−4	23.72	55.63	0	−8
9	34.50	17.70	0	+6	29.42	13.91	−3	+4	25.38	65.78	−2	−6	23.71	55.26	+1	−7
10	34.33	17.64	−2	+7	29.26	13.71	−3	+1	25.29	65.46	0	−8	23.70	54.89	+2	−5
11	34.15	17.59	−3	+5	29.11	13.50	−3	−2	25.19	65.14	+1	−8	23.69	54.52	+3	−2
12	33.97	17.52	−3	+3	28.95	13.29	−2	−5	25.10	64.82	+2	−7	23.68	54.15	+3	+1
13	33.80	17.45	−3	0	28.80	13.08	−1	−7	25.01	64.49	+2	−4	23.68	53.78	+2	+5
14	33.62	17.38	−3	−3	28.65	12.86	0	−8	24.93	64.16	+3	−1	23.68	53.41	+2	+8
15	33.45	17.30	−2	−5	28.50	12.64	+1	−7	24.85	63.82	+3	+3	23.69	53.04	+1	+9
16	33.28	17.22	−1	−7	28.35	12.41	+2	−6	24.77	63.49	+2	+6	23.70	52.67	−1	+9
17	33.10	17.13	+1	−7	28.21	12.18	+3	−3	24.69	63.15	+1	+8	23.71	52.30	−2	+7
18	32.93	17.03	+2	−7	28.06	11.95	+3	0	24.61	62.81	0	+9	23.72	51.93	−2	+4
19	32.75	16.93	+2	−5	27.92	11.71	+3	+4	24.54	62.46	−1	+9	23.74	51.57	−2	0
20	32.58	16.83	+3	−2	27.78	11.46	+2	+7	24.47	62.12	−2	+7	23.76	51.20	−2	−4
21	32.41	16.72	+3	+2	27.64	11.22	+1	+9	24.40	61.77	−2	+3	23.78	50.84	−1	−7
22	32.24	16.60	+3	+5	27.51	10.96	0	+10	24.34	61.42	−2	−2	23.81	50.47	+1	−9
23	32.06	16.48	+2	+8	27.37	10.71	−1	+8	24.28	61.07	−1	−5	23.84	50.11	+2	−8
24	31.89	16.36	+1	+10	27.24	10.45	−2	+5	24.22	60.72	0	−8	23.87	49.75	+3	−5
25	31.72	16.23	−1	+10	27.11	10.18	−2	+1	24.17	60.36	+1	−8	23.91	49.39	+3	−1
26	31.55	16.10	−2	+8	26.98	9.91	−2	−3	24.11	60.00	+2	−7	23.95	49.03	+2	+2
27	31.38	15.96	−2	+4	26.85	9.64	−1	−7	24.07	59.65	+3	−4	23.99	48.68	+1	+5
28	31.21	15.82	−2	−1	26.73	9.36	+1	−9	24.02	59.29	+2	0	24.03	48.32	0	+7
29	31.04	15.67	−1	−5	26.60	9.09	+2	−8	23.98	58.92	+1	+4	24.08	47.97	−2	+7
30	30.87	15.51	0	−8	26.48	8.80	+2	−6	23.94	58.56	0	+7	24.13	47.62	−3	+5
31	30.70	15.36	+1	−9	26.36	8.52	+3	−2	23.90	58.20	−1	+7	24.18	47.27	−3	+2
32					26.24	8.23	+2	+2					24.24	46.93	−3	−1

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 7′ 40″	7.301	+7.232	+82° 8′ 0″	7.306	+7.238	+82° 8′ 10″	7.309	+7.240
50	7.304	+7.235	10	7.309	+7.240	20	7.311	+7.243

$\alpha_{1944.0} = 16^h\ 51^m\ 37^s.81$ $\delta_{1944.0} = +82°\ 7'\ 57''.05$

*) Tag der doppelten unteren Kulmination: Dez. 4.

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Nh) δ Ursae minoris $4^m.44$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$17^h 49^m$	+ 86° 36′	in $0^s.01$	$0''.01$	$17^h 50^m$	+ 86° 36′	in $0^s.01$	$0''.01$	$17^h 50^m$	+ 86° 36′	in $0^s.01$	$0''.01$	$17^h 50^m$	+ 86° 36′	in $0^s.01$	$0''.01$
1	57.28	42.38	−5	−8	1.30	32.45	+4	−3	9.95	26.63	+4	+3	21.15	26.03	−6	+6
2	57.30	42.03	−1	−9	1.53	32.17	+4	+1	10.30	26.52	+1	+6	21.50	26.12	−8	+4
3	57.33	41.68	+2	−8	1.77	31.91	+3	+4	10.65	26.41	−2	+7	21.84	26.20	−8	+1
4	57.37	41.33	+4	−5	2.02	31.65	+1	+6	11.00	26.31	−4	+7	22.19	26.30	−7	−2
5	57.42	40.99	+5	−2	2.26	31.39	−2	+7	11.36	26.22	−6	+5	22.53	26.40	−5	−4
6	57.47	40.64	+4	+2	2.52	31.13	−4	+6	11.71	26.13	−8	+3	22.87	26.50	−3	−6
7	57.53	40.30	+2	+5	2.78	30.89	−6	+5	12.07	26.04	−7	0	23.21	26.61	0	−7
8	57.60	39.95	0	+7	3.04	30.64	−7	+2	12.43	25.97	−6	−3	23.54	26.73	+3	−7
9	57.68	39.61	−3	+7	3.31	30.40	−7	−1	12.80	25.90	−4	−5	23.87	26.85	+6	−5
10	57.76	39.27	−5	+6	3.59	30.17	−5	−3	13.16	25.83	−2	−7	24.20	26.98	+8	−3
11	57.85	38.93	−6	+4	3.87	29.94	−3	−5	13.52	25.77	+1	−7	24.52	27.11	+9	+1
12	57.95	38.59	−7	+1	4.15	29.71	0	−7	13.89	25.72	+5	−7	24.85	27.25	+9	+4
13	58.05	38.26	−6	−2	4.44	29.49	+3	−7	14.25	25.68	+8	−5	25.16	27.40	+7	+7
14	58.16	37.93	−4	−4	4.74	29.28	+6	−6	14.62	25.64	+9	−2	25.48	27.55	+3	+9
15	58.28	37.60	−2	−6	5.03	29.07	+9	−4	14.99	25.61	+10	+2	25.79	27.70	−1	+8
16	58.41	37.27	+1	−7	5.34	28.87	+10	0	15.35	25.59	+9	+6	26.10	27.86	−4	+6
17	58.54	36.95	+5	−7	5.64	28.67	+10	+4	15.72	25.57	+6	+8	26.40	28.03	−6	+3
18	58.67	36.62	+8	−5	5.95	28.48	+8	+7	16.09	25.55	+2	+9	26.70	28.20	−7	−1
19	58.82	36.31	+10	−2	6.27	28.29	+4	+9	16.45	25.54	−2	+8	27.00	28.37	−5	−5
20	58.97	35.99	+10	+1	6.59	28.11	0	+9	16.82	25.54	−5	+5	27.29	28.55	−2	−8
21	59.13	35.68	+9	+5	6.91	27.93	−4	+7	17.19	25.55	−7	+1	27.58	28.74	+1	−9
22	59.30	35.36	+6	+8	7.24	27.77	−6	+3	17.55	25.56	−6	−3	27.86	28.93	+4	−7
23	59.47	35.06	+2	+9	7.57	27.60	−7	−1	17.92	25.58	−4	−7	28.14	29.13	+6	−4
24	59.65	34.75	−2	+8	7.90	27.45	−6	−5	18.28	25.61	−1	−9	28.41	29.33	+6	0
25	59.84	34.45	−6	+5	8.24	27.30	−4	−8	18.64	25.64	+2	−8	28.68	29.53	+4	+3
26	60.03	34.15	−8	+1	8.57	27.15	−1	−9	19.01	25.68	+4	−6	28.95	29.74	+1	+6
27	60.22	33.86	−8	−3	8.91	27.01	+2	−8	19.37	25.72	+5	−2	29.21	29.95	−2	+8
28	60.43	33.57	−6	−7	9.25	26.88	+4	−5	19.72	25.77	+5	+2	29.47	30.17	−5	+7
29	60.64	33.28	−3	−9	9.60	26.75	+5	−1	20.08	25.83	+3	+5	29.72	30.39	−7	+5
30	60.85	33.00	0	−8	9.95	26.63	+4	+3	20.44	25.89	0	+7	29.96	30.62	−8	+2
31	61.07	32.72	+3	−6					20.80	25.96	−3	+7	30.20	30.85	−8	−1
32	61.30	32.45	+4	−3					21.15	26.03	−6	+6				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+86° 36′ 20″	16.889	+16.860	+86° 36′ 30″	16.903	+16.873	+86° 36′ 40″	16.917	+16.887
30	16.903	+16.873	40	16.917	+16.887	50	16.931	+16.901

$\alpha_{1944.0} = 17^h\ 50^m\ 14^s.99$ $\delta_{1944.0} = +86°\ 36'\ 40''.14$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Nh) δ Ursae minoris 4^m44

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder	
	$17^h 50^m$	+86° 36′	in 0.01 s	in 0.01″	$17^h 50^m$	+86° 36′	in 0.01 s	in 0.01″
1	30.20	30.85	−8	−1	34.82	39.44	+1	−8
2	30.44	31.08	−7	−4	34.87	39.74	+4	−7
3	30.67	31.32	−4	−6	34.91	40.05	+7	−5
4	30.89	31.56	−1	−7	34.95	40.36	+9	−2
5	31.11	31.80	+2	−7	34.98	40.67	+9	+2
6	31.33	32.05	+5	−6	35.00	40.98	+8	+5
7	31.54	32.30	+8	−4	35.02	41.30	+5	+8
8	31.74	32.55	+9	−1	35.03	41.61	+2	+9
9	31.94	32.81	+9	+3	35.04	41.92	−2	+8
10	32.13	33.07	+7	+6	35.03	42.24	−5	+6
11	32.32	33.34	+4	+8	35.03	42.55	−7	+2
12	32.50	33.60	0	+9	35.01	42.87	−7	−2
13	32.67	33.87	−3	+7	34.99	43.18	−5	−6
14	32.84	34.15	−6	+4	34.96	43.49	−2	−8
15	33.00	34.42	−7	0	34.93	43.80	+1	−8
16	33.16	34.70	−6	−4	34.88	44.12	+4	−7
17	33.31	34.98	−4	−7	34.84	44.43	+6	−4
18	33.45	35.26	0	−9	34.78	44.74	+6	0
19	33.59	35.55	+3	−8	34.72 / 34.65	45.05 / 45.36	+4 / +1	+4 / +6
20	33.72	35.84	+5	−6	34.58	45.67	−2	+7
21	33.85	36.13	+6	−2	34.50	45.98	−5	+7
22	33.96	36.42	+5	+2	34.41	46.29	−7	+5
23	34.08	36.72	+3	+5	34.32	46.60	−8	+2
24	34.18	37.01	0	+7	34.23	46.90	−8	−1
25	34.28	37.31	−3	+7	34.12	47.20	−6	−4
26	34.38	37.61	−6	+6	34.01	47.51	−3	−6
27	34.47	37.91	−8	+4	33.90	47.81	0	−8
28	34.55	38.21	−8	+1	33.78	48.11	+3	−7
29	34.63	38.52	−7	−2	33.65	48.41	+6	−6
30	34.70	38.82	−5	−5	33.51	48.71	+9	−3
31	34.76	39.13	−2	−7	33.37	49.00	+10	0
32	34.82	39.44	+1	−8				

Tag	Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	$17^h 50^m$	+86° 36′	in 0.01 s	in 0.01″	$17^h 50^m$	+86° 36′	in 0.01 s	in 0.01″
1	33.37	49.00	+10	0	26.23	56.99	+2	+10
2	33.22	49.30	+9	+4	25.92	57.20	−2	+8
3	33.07	49.59	+7	+7	25.61	57.41	−5	+5
4	32.91	49.88	+3	+9	25.29	57.61	−7	+1
5	32.75	50.17	−1	+9	24.97	57.81	−7	−3
6	32.58	50.46	−4	+7	24.64	58.00	−5	−7
7	32.40	50.74	−7	+3	24.31	58.19	−2	−9
8	32.22	51.02	−8	−1	23.97	58.38	+1	−9
9	32.03	51.31	−7	−5	23.64	58.56	+4	−7
10	31.84	51.58	−4	−8	23.29	58.74	+5	−3
11	31.64	51.86	0	−9	22.95	58.91	+5	+1
12	31.43	52.13	+3	−8	22.60	59.08	+3	+5
13	31.22	52.40	+5	−5	22.25	59.25	0	+7
14	31.01	52.67	+5	−1	21.89	59.41	−3	+7
15	30.78	52.94	+4	+3	21.53	59.57	−6	+6
16	30.55	53.20	+2	+5	21.17	59.72	−7	+4
17	30.32	53.46	−1	+7	20.80	59.87	−8	+1
18	30.08	53.72	−4	+7	20.43	60.01	−7	−2
19	29.84	53.98	−6	+6	20.06	60.15	−6	−5
20	29.59	54.23	−8	+3	19.69	60.29	−3	−7
21	29.34	54.48	−8	0	19.31	60.42	0	−7
22	29.08	54.72	−7	−3	18.93	60.55	+4	−7
23	28.82	54.97	−5	−5	18.55	60.67	+7	−6
24	28.55	55.20	−2	−7	18.16	60.79	+9	−3
25	28.27	55.44	+2	−8	17.77	60.90	+10	+1
26	27.99	55.67	+5	−7	17.38	61.01	+10	+5
27	27.71	55.90	+8	−5	16.98	61.11	+7	+8
28	27.42	56.13	+10	−2	16.59	61.21	+4	+9
29	27.13	56.35	+10	+2	16.19	61.31	0	+9
30	26.83	56.57	+9	+6	15.79	61.40	−4	+7
31	26.53	56.78	+6	+9	15.38	61.48	−6	+3
32	26.23	56.99	+2	+10	14.98	61.57	−7	−2

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+86° 36′ 30″	16.903	+16.873	+86° 36′ 50″	16.931	+16.901	+86° 37′ 0″	16.945	+16.915
40	16.917	+16.887	60	16.945	+16.915	10	16.958	+16.929

$\alpha_{1944.0} = 17^h\ 50^m\ 14^s.99$ $\delta_{1944.0} = +86°\ 36'\ 40''.14$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Nh) δ Ursae minoris $4^{m}.44$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
		+	in			+	in			+	in			+	in	
	$17^h 50^m$	86° 37′	$0^s.01$	$0''.01$	$17^h 49^m$	86° 36′	$0^s.01$	$0''.01$	$17^h 49^m$	86° 36′	$0^s.01$	$0''.01$	$17^h 49^m$	86° 36′	$0^s.01$	$0''.01$
	s	"			s	"			s	"			s	"		
1	14.98	1.57	−7	−2	62.31	61.80	0	−9	50.07	57.39	+6	0	41.72	49.23	0	+8
2	14.57	1.64	−6	−6	61.89	61.73	+3	−9	49.72	57.17	+4	+4	41.52	48.90	−4	+8
3	14.16	1.72	−3	−8	61.47	61.65	+5	−6	49.37	56.95	+1	+7	41.34	48.58	−7	+6
4	13.75	1.79	0	−9	61.05	61.57	+6	−2	49.03	56.73	−3	+8	41.16	48.25	−9	+3
5	13.34	1.85	+3	−8	60.63	61.49	+5	+2	48.69	56.50	−6	+7	40.99	47.92	−9	−1
6	12.92	1.91	+5	−4	60.21	61.40	+2	+5	48.36	56.27	−9	+5	40.82	47.59	−8	−4
7	12.51	1.96	+5	0	59.79	61.31	−1	+7	48.04	56.03	−9	+1	40.67	47.26	−5	−6
8	12.09	2.01	+4	+4	59.37	61.21	−4	+7	47.71	55.79	−9	−2	40.52	46.92	−2	−8
9	11.67	2.06	+1	+6	58.96	61.11	−7	+6	47.40	55.55	−7	−5	40.37	46.59	+1	−8
10	11.25	2.10	−3	+7	58.55	61.00	−9	+3	47.08	55.30	−4	−7	40.23	46.25	+4	−6
11	10.83	2.13	−6	+7	58.14	60.89	−9	0	46.77	55.05	−1	−8	40.10	45.91	+7	−4
12	10.41	2.16	−8	+5	57.73	60.77	−8	−3	46.47	54.79	+3	−7	39.98	45.57	+9	−1
13	9.99	2.19	−9	+2	57.32	60.64	−6	−6	46.17	54.53	+6	−6	39.86	45.23	+9	+3
14	9.56	2.21	−8	−1	56.91	60.51	−3	−7	45.87	54.26	+8	−3	39.75	44.88	+7	+6
15	9.14	2.22	−7	−4	56.51	60.38	+1	−7	45.58	53.99	+9	0	39.65	44.53	+5	+9
16	8.71	2.23	−4	−6	56.11	60.24	+4	−7	45.29	53.72	+8	+4	39.55	44.19	+1	+9
17	8.29	2.24	−1	−7	55.71	60.10	+7	−5	45.01	53.44	+6	+7	39.46	43.84	−2	+8
18	7.86	2.24	+2	−7	55.31	59.95*	+8	−2	44.74	53.16	+4	+9	*)39.38	43.49	−5	+6
19	7.44	2.23	+5	−6	54.92	59.80	+9	+2	44.47	52.88	0	+9	39.31	43.14	−7	+2
20	7.01	2.22	+8	−4	54.53	59.64	+8	+5	44.21	52.59	−3	+7	39.24	42.79	−6	−3
21	6.58	2.21	+9	−1	54.14	59.48	+6	+8	43.95	52.30	−6	+4	39.18	42.44	−4	−6
22	6.15	2.19	+10	+3	53.75	59.31	+3	+9	43.70	52.01	−6	0	39.13	42.09	−1	−9
23	5.73	2.16	+8	+6	53.37	59.14	−1	+9	43.46	51.71	−5	−4	39.09	41.73	+2	−9
24	5.30	2.13	+5	+9	52.99	58.96	−4	+6	43.22	51.41	−3	−7	39.05	41.38	+5	−7
25	4.87	2.10	+2	+9	52.61	58.78	−6	+2	42.99	51.11	+1	−9	39.02	41.03	+7	−3
26	4.44	2.06	−2	+8	52.24	58.59	−6	−2	42.76	50.80	+4	−8	39.00	40.67	+7	+1
27	4.01	2.02	−5	+5	51.87	58.40	−4	−6	42.54	50.49	+6	−6	38.98	40.32	+4	+4
28	3.59	1.97	−6	+1	51.50	58.21	−1	−8	42.33	50.18	+7	−2	38.97	39.97	+1	+7
29	3.16	1.92	−6	−4	51.14	58.01	+2	−9	42.12	49.86	+6	+2	38.97	39.62	−3	+8
30	2.74	1.86	−4	−7	50.78	57.81	+5	−7	41.91	49.55	+3	+6	38.98	39.26	−6	+7
31	2.31	1.80	0	−9	50.42	57.60	+6	−4	41.72	49.23	0	+8	38.99	38.91	−8	+4
32					50.07	57.39	+6	0					39.01	38.56	−9	+1

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+86° 36′ 30″	16.903	+16.873	+86° 36′ 50″	16.931	+16.901	+86° 37′ 0″	16.945	+16.915
40	16.917	+16.887	60	16.945	+16.915	10	16.958	+16.929

$\alpha_{1944.0} = 17^h\ 50^m\ 14^s.99$ $\delta_{1944.0} = +86°\ 36'\ 40''.14$

*) Tag der doppelten unteren Kulmination: Dez. 18.

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Ni) λ Ursae minoris $6^{m}.55$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	18^h28^m	+89° 2′	in $0^s.01$	in $0''.01$	18^h28^m	+89° 2′	in $0^s.01$	in $0''.01$	18^h28^m	+89° 2′	in $0^s.01$	in $0''.01$	18^h29^m	+89° 2′	in $0^s.01$	in $0''.01$
1	5.23	55.05	−24	−7	12.12	44.85	+15	−4	38.11	37.95	+16	+2	16.42	35.74	−19	+7
2	5.06	54.71	−12	−8	12.74	44.55	+17	0	39.25	37.79	+ 9	+5	17.68	35.77	−27	+5
3	4.92	54.36	+ 2	−8	13.38	44.26	+14	+4	40.39	37.63	− 1	+7	18.94	35.80	−31	+3
4	4.80	54.02	+12	−6	14.05	43.97	+ 6	+6	41.55	37.48	−12	+7	20.19	35.84	−30	0
5	4.71	53.68	+18	−2	14.74	43.68	− 4	+7	42.72	37.34	−22	+6	21.44	35.89	−25	−3
6	4.65	53.34	+18	+1	15.45	43.40	−14	+7	43.90	37.20	−27	+4	22.68	35.94	−16	−6
7	4.61	53.00	+13	+5	16.18	43.12	−22	+6	45.09	37.07	−29	+2	23.92	36.00	− 4	−7
8	4.60	52.65	+ 5	+7	16.93	42.84	−26	+4	46.28	36.94	−27	−2	25.15	36.06	+ 9	−7
9	4.62	52.31	− 5	+7	17.71	42.57	−26	+1	47.49	36.82	−20	−4	26.37	36.13	+21	−6
10	4.66	51.97	−15	+6	18.50	42.30	−23	−2	48.70	36.71	−11	−6	27.59	36.21	+31	−4
11	4.73	51.63	−22	+5	19.32	42.04	−16	−5	49.92	36.60	+ 1	−7	28.80	36.29	+36	−1
12	4.83	51.29	−26	+3	20.15	41.78	− 5	−7	51.15	36.50	+15	−7	30.00	36.38	+36	+3
13	4.95	50.95	−25	0	21.01	41.53	+ 8	−8	52.38	36.40	+27	−6	31.19	36.47	+30	+6
14	5.10	50.61	−20	−3	21.88	41.28	+21	−7	53.62	36.31	+36	−3	32.38	36.57	+18	+8
15	5.27	50.28	−11	−6	22.77	41.04	+33	−5	54.87	36.22	+40	+1	33.56	36.67	+ 3	+8
16	5.47	49.94	+ 1	−7	23.68	40.80	+40	−2	56.12	36.14	+37	+4	34.72	36.78	−12	+7
17	5.70	49.61	+14	−8	24.60	40.56	+41	+2	57.38	36.07	+28	+7	35.88	36.90	−22	+4
18	5.95	49.28	+27	−7	25.55	40.33	+35	+6	58.64	36.00	+14	+9	37.02	37.02	−26	−1
19	6.23	48.95	+37	−4	26.51	40.10	+23	+8	59.90	35.94	− 2	+8	38.16	37.15	−23	−5
20	6.54	48.62	+41	0	27.49	39.88	+ 6	+9	61.17	35.89	−16	+6	39.28	37.28	−15	−8
21	6.87	48.29	+39	+4	28.49	39.66	−10	+7	62.44	35.84	−25	+2	40.39	37.42	− 2	−9
22	7.23	47.97	+29	+7	29.50	39.45	−23	+4	63.71	35.80	−27	−2	41.49	37.56	+10	−8
23	7.61	47.64	+13	+9	30.53	39.24	−30	0	64.99	35.77	−22	−6	42.58	37.71	+19	−5
24	8.01	47.32	− 4	+8	31.57	39.04	−29	−4	66.26	35.74	−11	−8	43.65	37.86	+22	−1
25	8.44	47.00	−20	+6	32.63	38.84	−21	−7	67.53	35.72	+ 1	−9	44.71	38.02	+19	+3
26	8.89	46.69	−30	+2	33.70	38.65	− 9	−9	68.80	35.70	+12	−7	45.76	38.18	+10	+6
27	9.37	46.37	−33	−2	34.78	38.47	+ 4	−8	70.07	35.69	+19	−3	46.79	38.35	− 2	+8
28	9.87	46.06	−28	−6	35.88	38.29	+14	−5	71.35	35.69	+19	+1	47.81	38.52	−15	+8
29	10.40	45.76	−17	−8	36.99	38.12	+18	−2	72.62	35.69	+13	+4	48.81	38.70	−25	+6
30	10.95	45.45	− 4	−8	38.11	37.95	+16	+2	73.89	35.70	+ 3	+7	49.80	38.88	−31	+4
31	11.52	45.15	+ 8	−7					75.16	35.72	− 9	+8	50.77	39.07	−32	+1
32	12.12	44.85	+15	−4					76.42	35.74	−19	+7				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+89° 2′ 30″	59.790	+59.781	+89° 2′ 40″	59.964	+59.955	+89° 2′ 50″	60.138	+60.130
40	59.964	+59.955	50	60.138	+60.130	60	60.314	+60.306

$\alpha_{1944.0} = 18^h\ 29^m\ 3^s.76$ $\delta_{1944.0} = +89°\ 2'\ 50''.29$

Ni) λ Ursae minoris $6^{m}.55$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	18^h29^m	$+89°\ 2'$	in $0^s.01$	$0''.01$	18^h30^m	$+89°\ 2'$	in $0^s.01$	$0''.01$	18^h29^m	$+89°\ 2'$	in $0^s.01$	$0''.01$	18^h29^m	$+89°\ 3'$	in $0^s.01$	$0''.01$
	s	"			s	"			s	"			s	"		
1	50.77	39.07	−32	+1	11.96	46.74	− 1	−8	72.47	56.28	+38	−2	52.02	5.13	+13	+9
2	51.73	39.26	−28	−3	12.32	47.04	+12	−8	72.13	56.59	+38	+2	51.05	5.38	− 4	+9
3	52.67	39.46	−20	−5	12.65	47.33	+25	−6	71.76	56.90	+31	+6	50.07	5.63	−18	+6
4	53.60	39.66	− 9	−7	12.96	47.63	+33	−3	71.38	57.20	+19	+8	49.07	5.87	−28	+2
5	54.51	39.87	+ 4	−7	13.25	47.92	+37	0	70.97	57.51	+ 3	+9	48.05	6.11	−30	−2
6	55.41	40.08	+17	−7	13.51	48.22	+34	+4	70.53	57.81	−13	+8	47.01	6.35	−25	−6
7	56.29	40.29	+27	−5	13.76	48.53	+25	+7	70.08	58.12	−25	+4	45.95	6.59	−14	−8
8	57.15	40.51	+34	−2	13.98	48.83	+12	+9	69.60	58.42	−31	0	44.88	6.82	− 1	−9
9	57.99	40.73	+36	+2	14.18	49.14	− 4	+8	69.11	58.73	−29	−4	43.79	7.05	+11	−7
10	58.81	40.96	+31	+5	14.35	49.44	−18	+7	68.59	59.03	−21	−7	42.69	7.27	+18	−3
11	59.62	41.19	+21	+7	14.51	49.75	−27	+3	68.04	59.32	− 8	−9	41.57	7.49	+19	+1
12	60.40	41.42	+ 7	+9	14.64	50.05	−30	−1	67.48	59.62	+ 5	−8	40.43	7.71	+14	+4
13	61.17	41.66	− 8	+8	14.75	50.36	−24	−5	66.89	59.91	+16	−6	39.28	7.92	+ 4	+7
14	61.92	41.90	−20	+5	14.84	50.67	−14	−8	66.29	60.21	+21	−2	38.12	8.13	− 8	+8
15	62.65	42.14	−27	+1	14.90	50.98	− 1	−9	65.66	60.50	+20	+2	36.94	8.34	−19	+7
16	63.36	42.39	−26	−3	14.94	51.30	+12	−7	65.02	60.78	+13	+5	35.75	8.54	−27	+5
17	64.06	42.64	−19	−6	14.96	51.61	+20	−4	64.35	61.07	+ 2	+7	34.54	8.74	−31	+2
18	64.73	42.89	− 7	−8	14.95	51.92	+23	−1	63.66	61.36	−10	+8	33.32	8.94	−30	−1
19	65.38	43.15	+ 6	−8	14.92	52.23	+19	+3	62.96	61.64	−20	+7	32.09	9.13	−25	−4
20	66.01	43.41	+17	−6	14.86	52.54	+10	+6	62.23	61.92	−28	+4	30.84	9.32	−16	−6
21	66.62	43.67	+23	−3	14.79	52.86	− 2	+8	61.49	62.20	−30	+1	29.58	9.50	− 4	−7
22	67.22	43.94	+23	+1	14.69	53.17	−14	+8	60.72	62.48	−28	−2	28.30	9.68	+10	−8
23	67.79	44.21	+16	+5	14.57	53.48	−23	+6	59.93	62.76	−21	−5	27.02	9.86	+23	−7
24	68.34	44.48	+ 5	+7	14.43	53.79	−29	+3	59.13	63.03	−11	−7	25.72	10.03	+34	−4
25	68.87	44.76	− 7	+8	14.26	54.10	−31	0	58.30	63.30	+ 2	−8	24.40	10.20	+40	−1
26	69.38	45.03	−19	+7	14.07	54.42	−27	−3	57.46	63.57	+16	−8	23.08	10.37	+41	+3
27	69.86	45.31	−28	+5	13.86	54.73	−18	−6	56.60	63.84	+28	−6	21.74	10.53	+34	+6
28	70.33	45.60	−31	+2	13.63	55.04	− 6	−7	55.72	64.10	+37	−3	20.39	10.69	+22	+8
29	70.77	45.88	−30	−1	{13.37 / 13.10	55.35 / 55.66	+ 8 / +21	−8 / −7}	54.82	64.36	+41	+1	19.04	10.84	+ 6	+9
30	71.19	46.17	−24	−4	12.80	55.97	+32	−5	53.91	64.62	+38	+4	17.67	10.99	−10	+7
31	71.59	46.45	−14	−6	12.47	56.28	+38	−2	52.97	64.88	+28	+7	16.29	11.13	−22	+4
32	71.96	46.74	− 1	−8					52.02	65.13	+13	+9	14.90	11.27	−28	0

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+89° 2′ 30″	59.790	+59.781	+89° 2′ 50″	60.138	+60.130	+89° 3′ 10″	60.491	+60.483
40	59.964	+59.955	60	60.314	+60.306	20	60.669	+60.661

$\alpha_{1944.0} = 18^h\ 29^m\ 3^s.76$ $\delta_{1944.0} = +89°\ 2'\ 50''.29$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Ni) λ Ursae minoris $6^m.55$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$18^h 28^m$	$+89° 3'$	in $0^s.01$	$0''.01$	$18^h 27^m$	$+89° 3'$	in $0^s.01$	$0''.01$	$18^h 27^m$	$+89° 3'$	in $0^s.01$	$0''.01$	$18^h 26^m$	$+89° 2'$	in $0^s.01$	$0''.01$
1	$74^s.90$	$11''.27$	−28	0	$90^s.02$	$13''.38$	− 8	−9	$43^s.48$	$10''.92$	+25	−1	$68^s.09$	$64''.24$	+ 3	+8
2	73.51	11.41	−26	−5	88.47	13.37	+ 5	−9	42.10	10.76	+20	+3	67.18	63.96	−11	+9
3	72.10	11.54	−17	−8	86.92	13.36	+17	−7	40.72	10.60	+ 9	+7	66.30	63.67	−25	+7
4	70.69	11.67	− 5	−9	85.37	13.35	+22	−3	39.35	10.43	− 5	+8	65.44	63.38	−34	+4
5	69.26	11.79	+ 8	−8	83.82	13.33	+21	+1	38.00	10.26	−20	+8	64.60	63.09	−37	+1
6	67.82	11.91	+17	−5	82.27	13.30	+13	+5	36.65	10.08	−31	+6	63.79	62.79	−34	−3
7	66.38	12.02	+20	−1	80.72	13.27	+ 1	+7	35.32	9.90	−37	+3	62.99	62.49	−26	−5
8	64.93	12.13	+16	+3	79.18	13.24	−13	+8	34.01	9.72	−37	−1	62.22	62.19	−14	−7
9	63.47	12.24	+ 7	+6	77.63	13.20	−25	+7	32.70	9.53	−31	−4	61.47	61.88	0	−8
10	62.00	12.34	− 5	+8	76.09	13.16	−33	+5	31.41	9.33	−21	−6	60.74	61.57	+14	−7
11	60.52	12.44	−17	+8	74.55	13.11	−36	+2	30.14	9.13	− 8	−7	60.04	61.26	+25	−5
12	59.04	12.53	−27	+6	73.01	13.05	−33	−2	28.88	8.92	+ 5	−8	59.36	60.95	+33	−2
13	57.55	12.62	−33	+3	71.48	12.99	−26	−5	27.63	8.71	+18	−7	58.70	60.64	+36	+1
14	56.06	12.70	−33	0	69.95	12.93	−15	−6	26.40	8.50	+28	−4	58.07	60.32	+33	+5
15	54.56	12.78	−29	−3	68.43	12.86	− 3	−7	25.18	8.28	+34	−1	57.46	60.00	+24	+8
16	53.05	12.85	−21	−5	66.91	12.78	+10	−7	23.98	8.06	+35	+3	56.88	59.68	+11	+9
17	51.54	12.92	−10	−7	65.39	12.70	+22	−6	22.80	7.83	+30	+6	56.32	59.35	− 4	+9
18	50.03	12.98	+ 3	−8	63.88	12.62	+32	−3	21.63	7.60	+20	+8	55.78	59.03	−17	+6
19	48.51	13.04	+16	−7	62.37	12.53	+37	0	20.48	7.36	+ 7	+9	55.27	58.70	−25	+3
20	46.99	13.10	+28	−5	60.87	12.44	+36	+4	19.34	7.12	− 7	+8	54.78	58.37	−27	−2
21	45.46	13.15	+36	−2	59.38	12.34	+29	+7	18.23	6.88	−19	+5	54.32	58.04	−22	−6
22	43.93	13.19	+39	+1	57.89	12.23	+18	+9	17.13	6.63	−25	+1	53.88	57.70	−10	−8
23	42.39	13.23	+36	+5	56.41	12.12	+ 3	+9	16.04	6.38	−24	−3	53.47	57.37	+ 4	−9
24	40.85	13.27	+27	+8	54.94	12.01	−10	+7	14.98	6.13	−16	−7	53.09	57.03	+16	−7
25	39.31	13.30	+14	+9	53.48	11.89	−20	+3	13.94	5.87	− 3	−9	52.73	56.69	+25	−4
26	37.77	13.32	− 2	+8	52.03	11.76	−24	−1	12.91	5.61	+10	−9	52.40	56.35	+26	0
27	36.22	13.34	−15	+6	50.58	11.63	−21	−5	11.91	5.34	+22	−6	52.09	56.01	+21	+4
28	34.67	13.36	−24	+2	49.14	11.50	−11	−8	10.92	5.07	+27	−3	*)51.81	55.67	+10	+7
29	33.12	13.37	−25	−3	47.71	11.36	+ 2	−9	9.96	4.80	+25	+2	51.56	55.33	− 4	+8
30	31.57	13.38	−19	−7	46.29	11.22	+15	−8	9.01	4.52	+16	+6	51.33	54.99	−18	+8
31	30.02	13.38	− 8	−9	44.88	11.07	+23	−5	8.09	4.24	+ 3	+8	51.13	54.65	−29	+6
32					43.48	10.92	+25	−1					50.95	54.30	−35	+2

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+89° 2′ 50″	60.138	+60.130	+89° 3′ 0″	60.314	+60.306	+89° 3′ 10″	60.491	+60.483
60	60.314	+60.306	10	60.491	+60.483	20	60.669	+60.661

$\alpha_{1944.0} = 18^h\ 29^m\ 3^s.76$ $\delta_{1944.0} = +89°\ 2'\ 50''.29$

*) Tag der doppelten unteren Kulmination: Dez. 28.

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Nk) 76 Draconis $5^{m}.69$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	20^h46^m	+ 82° 19′	in $0^s.01$	in $0''.01$	20^h46^m	+ 82° 19′	in $0^s.01$	in $0''.01$	20^h46^m	+ 82° 19′	in $0^s.01$	in $0''.01$	20^h46^m	+ 82° 19′	in $0^s.01$	in $0''.01$
1	40.42	44.09	−4	−3	38.53	34.37	0	−5	39.46	24.85	+2	0	42.95	17.67	+1	+9
2	40.32	43.82	−3	−5	*)38.52	34.02	+1	−2	39.54	24.56	+2	+4	43.10	17.53	0	+8
3	40.22	43.55	−2	−7	38.51	33.68	+2	+1	39.62	24.26	+2	+7	43.24	17.38	−1	+6
4	40.12	43.27	−1	−6	38.51	33.34	+2	+4	39.70	23.98	+1	+8	43.39	17.25	−2	+4
5	40.03	42.99	+1	−4	38.50	33.00	+2	+7	39.79	23.69	0	+8	43.53	17.12	−3	+1
6	39.93	42.70	+2	−1	38.51	32.66	+1	+8	39.87	23.41	−1	+7	43.68	16.99	−3	−3
7	39.84	42.42	+2	+2	38.51	32.32	0	+8	39.96	23.13	−2	+5	43.83	16.87	−2	−6
8	39.76	42.12	+2	+5	38.52	31.98	−1	+7	40.06	22.86	−2	+2	43.98	16.76	−1	−8
9	39.67	41.83	+2	+7	38.53	31.64	−2	+4	40.15	22.59	−3	−1	44.13	16.65	0	−9
10	39.59	41.53	+1	+8	38.54	31.30	−2	+1	40.25	22.32	−3	−4	44.28	16.55	+1	−8
11	39.51	41.23	0	+7	38.56	30.96	−3	−2	40.35	22.06	−2	−7	44.44	16.46	+2	−6
12	39.44	40.92	−1	+6	38.58	30.63	−2	−5	40.46	21.80	−1	−8	44.59	16.37	+3	−3
13	39.36	40.62	−2	+3	38.60	30.29	−2	−8	40.56	21.55	0	−9	44.75	16.29	+4	+1
14	39.29	40.31	−2	0	38.63	29.96	−1	−9	40.67	21.30	+2	−8	44.91	16.21	+4	+4
15	39.23	39.99	−3	−4	38.66	29.62	+1	−9	40.78	21.06	+3	−5	45.06	16.14	+3	+7
16	39.16	39.68	−2	−7	38.69	29.29	+2	−7	40.89	20.82	+4	−2	45.22	16.08	+1	+7
17	39.10	39.36	−1	−9	38.73	28.96	+3	−4	41.01	20.58	+4	+2	45.38	16.02	−1	+6
18	39.04	39.04	0	−9	38.77	28.63	+4	0	41.12	20.35	+3	+5	45.53	15.97	−2	+3
19	38.98	38.72	+1	−9	38.81	28.30	+4	+4	41.24	20.12	+2	+7	45.69	15.92	−3	−1
20	38.93	38.39	+3	−6	38.86	27.97	+3	+7	41.36	19.90	0	+7	45.85	15.88	−3	−5
21	38.88	38.06	+4	−2	38.90	27.65	+1	+8	41.48	19.69	−1	+5	46.01	15.85	−3	−7
22	38.84	37.73	+4	+2	38.96	27.33	−1	+7	41.61	19.48	−3	+2	46.17	15.83	−2	−8
23	38.79	37.40	+3	+6	39.01	27.01	−2	+4	41.73	19.27	−3	−2	46.33	15.81	0	−7
24	38.75	37.07	+2	+8	39.07	26.69	−3	0	41.86	19.07	−3	−6	46.49	15.79	+1	−4
25	38.72	36.73	0	+8	39.13	26.38	−4	−3	41.99	18.88	−2	−7	46.65	15.78	+2	0
26	38.68	36.40	−1	+6	39.19	26.07	−3	−6	42.12	18.69	−1	−7	46.81	15.78	+2	+4
27	38.65	36.06	−3	+3	39.25	25.76	−2	−7	42.26	18.51	0	−5	46.97	15.78	+2	+7
28	38.62	35.73	−4	−1	39.32	25.45	−1	−6	42.39	18.33	+2	−2	47.13	15.79	+1	+9
29	38.59	35.39	−3	−4	39.39	25.15	+1	−4	42.53	18.16	+2	+2	47.29	15.81	0	+9
30	38.57	35.05	−3	−6	39.46	24.85	+2	0	42.67	17.99	+2	+6	47.45	15.84	−1	+8
31	38.55	34.71	−1	−7					42.81	17.83	+2	+8	47.61	15.87	−2	+5
32	38.53	34.37	0	−5					42.95	17.67	+1	+9				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 19′ 10″	7.482	+7.415	+82° 19′ 20″	7.485	+7.418	+82° 19′ 40″	7.490	+7.423
20	7.485	+7.418	30	7.488	+7.421	50	7.493	+7.426

$\alpha_{1944.0} = 20^h\ 46^m\ 45^s.85$ $\delta_{1944.0} = +82°\ 19'\ 32''.31$

*) Tag der doppelten unteren Kulmination: Febr. 2.

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Nk) 76 Draconis $5^m.69$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	20^h46^m	+82° 19′	in $0^s.01$	in $0''.01$	20^h46^m	+82° 19′	in $0^s.01$	in $0''.01$	20^h46^m	+82° 19′	in $0^s.01$	in $0''.01$	20^h46^m	+82° 19′	in $0^s.01$	in $0''.01$
1	$47^s.61$	$15''.87$	−2	+5	$52^s.17$	$19''.70$	−2	−7	$55^s.10$	$27''.68$	+1	−9	$55^s.82$	$38''.24$	+4	+2
2	47.77	15.90	−3	+2	52.30	19.91	−1	−8	55.16	27.99	+2	−7	55.80	38.59	+3	+6
3	47.93	15.95	−3	−2	52.42	20.12	0	−9	55.22	28.31	+3	−3	55.78 / 55.75	38.95 / 39.30	+2 / 0	+8 / +8
4	48.08	16.00	−3	−5	52.55	20.34	+1	−8	55.28	28.63	+4	+1	55.72	39.65	−1	+6
5	48.24	16.05	−2	−7	52.67	20.56	+3	−5	55.33	28.95	+4	+4	55.69	40.00	−3	+2
6	48.40	16.11	−1	−8	52.79	20.79	+4	−2	55.39	29.28	+3	+7	55.66	40.35	−3	−2
7	48.56	16.18	0	−8	52.90	21.02	+4	+2	55.43	29.61	+1	+8	55.63	40.70	−3	−5
8	48.71	16.25	+2	−7	53.02	21.25	+3	+6	55.48	29.94	0	+7	55.59	41.05	−3	−7
9	48.87	16.33	+3	−4	53.13	21.49	+2	+8	55.53	30.27	−2	+5	55.55	41.41	−1	−7
10	49.03	16.41	+4	0	53.24	21.73	+1	+8	55.57	30.60	−3	+1	55.50	41.76	0	−5
11	49.18	16.50	+4	+3	53.35	21.98	−1	+6	55.61	30.94	−4	−3	55.46	42.10	+1	−2
12	49.33	16.60	+3	+6	53.46	22.23	−2	+3	55.64	31.27	−3	−6	55.41	42.45	+2	+2
13	49.49	16.70	+2	+8	53.57	22.48	−3	−1	55.68	31.61	−2	−8	55.36	42.80	+2	+5
14	49.64	16.81	0	+7	53.67	22.74	−3	−5	55.71	31.95	0	−7	55.31	43.14	+2	+8
15	49.79	16.93	−1	+5	53.77	23.00	−3	−7	55.74	32.29	+1	−4	55.25	43.49	+1	+9
16	49.94	17.05	−3	+1	53.88	23.27	−1	−8	55.77	32.64	+2	−1	55.19	43.83	0	+8
17	50.09	17.17	−3	−3	53.97	23.54	0	−6	55.79	32.98	+2	+3	55.13	44.17	−1	+6
18	50.23	17.30	−3	−6	54.07	23.82	+1	−4	55.81	33.33	+2	+6	55.07	44.52	−2	+4
19	50.38	17.44	−2	−8	54.17	24.10	+2	0	55.83	33.68	+1	+8	55.00	44.85	−3	0
20	50.53	17.58	−1	−8	54.26	24.38	+2	+4	55.84	34.02	0	+9	54.93	45.19	−3	−3
21	50.68	17.73	+1	−5	54.35	24.66	+2	+7	55.86	34.37	−1	+8	54.86	45.53	−2	−6
22	50.82	17.88	+2	−2	54.43	24.95	+1	+9	55.87	34.72	−2	+5	54.79	45.86	−2	−8
23	50.96	18.04	+2	+2	54.52	25.24	0	+8	55.87	35.07	−2	+2	54.71	46.19	0	−9
24	51.10	18.21	+2	+5	54.60	25.54	−1	+7	55.88	35.42	−3	−1	54.64	46.52	+1	−8
25	51.24	18.37	+2	+8	54.68	25.83	−2	+4	55.88	35.77	−3	−4	54.55	46.85	+2	−6
26	51.38	18.55	+1	+9	54.76	26.14	−3	+1	55.88	36.12	−2	−7	54.47	47.18	+4	−3
27	51.52	18.73	0	+8	54.83	26.44	−3	−2	55.88	36.48	−1	−9	54.39	47.50	+4	+1
28	51.65	18.91	−2	+6	54.90	26.75	−3	−6	55.87	36.83	0	−9	54.30	47.82	+4	+4
29	51.78	19.10	−2	+3	54.97	27.06	−2	−8	55.86	37.18	+2	−8	54.21	48.14	+3	+7
30	51.91	19.30	−3	0	55.04	27.37	0	−9	55.85	37.54	+3	−5	54.12	48.46	+1	+8
31	52.04	19.50	−3	−4	55.10	27.68	+1	−9	55.84	37.89	+4	−2	54.02	48.77	0	+6
32	52.17	19.70	−2	−7					55.82	38.24	+4	+2	53.93	49.09	−2	+3

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 19′ 10″	7.482	+7.415	+82° 19′ 20″	7.485	+7.418	+82° 19′ 40″	7.490	+7.423
20	7.485	+7.418	30	7.488	+7.421	50	7.493	+7.426

$\alpha_{1944.0} = 20^h\ 46^m\ 45^s.85$ $\delta_{1944.0} = +82°\ 19'\ 32''.31$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Nk) 76 Draconis $5^{m}.69$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	20^h46^m	+82° 19′	in $0^s.01$	$0''.01$	20^h46^m	+82° 19′	in $0^s.01$	$0''.01$	20^h46^m	+82° 20′	in $0^s.01$	$0''.01$	20^h46^m	+82° 19′	in $0^s.01$	$0''.01$
1	53.93	49.09	−2	+3	50.07	57.12	−3	−6	44.83	1.43	+2	−4	39.59	60.59	+2	+6
2	53.83	49.40	−3	0	49.92	57.33	−2	−8	44.65	1.49	+2	0	39.42	60.48	+2	+9
3	53.72	49.71	−4	−4	49.76	57.54	−1	−8	44.47	1.54	+3	+5	39.26	60.35	0	+10
4	53.62	50.01	−3	−7	49.61	57.74	+1	−6	44.29	1.59	+2	+8	39.10	60.22	−1	+9
5	53.51	50.32	−2	−8	49.45	57.94	+2	−2	44.11	1.63	+1	+10	38.94	60.08	−2	+6
6	53.40	50.62	0	−7	49.29	58.13	+2	+2	43.93	1.66	0	+9	38.78	59.94	−3	+3
7	53.29	50.92	+1	−4	49.13	58.32	+2	+6	43.75	1.69	−2	+8	38.62	59.79	−3	−1
8	53.18	51.22	+2	0	48.97	58.51	+2	+9	43.57	1.71	−3	+5	38.47	59.64	−3	−4
9	53.06	51.51	+2	+4	48.81	58.69	0	+10	43.39	1.73	−3	+1	38.32	59.48	−2	−7
10	52.94	51.80	+2	+7	48.64	58.86	−1	+9	43.21	1.74	−3	−2	38.17	59.32	−1	−8
11	52.82	52.09	+1	+9	48.48	59.03	−2	+6	43.03	1.74	−3	−5	38.02	59.15	0	−8
12	52.70	52.37	0	+9	48.31	59.20	−3	+3	42.86	1.74	−2	−7	37.87	58.98	+2	−7
13	52.58	52.65	−1	+8	48.15	59.36	−3	0	42.68	1.73	−1	−8	37.72	58.80	+3	−4
14	52.46	52.93	−2	+5	47.98	59.51	−3	−3	42.50	1.72	+1	−7	37.58	58.62	+4	0
15	52.33	53.21	−3	+2	47.81	59.66	−2	−6	42.32	1.70	+2	−6	37.44	58.43	+4	+3
16	52.20	53.48	−3	−2	47.64	59.81	−1	−8	42.15	1.68	+3	−3	37.30	58.23	+3	+6
17	52.07	53.75	−3	−5	47.47	59.95	0	−8	41.97	1.64	+4	+1	37.16	58.03	+2	+8
18	51.94	54.01	−2	−7	47.30	60.08	+1	−7	41.80	1.61	+4	+4	37.03	57.83	+1	+8
19	51.81	54.28	−1	−8	47.13	60.21	+3	−5	41.63	1.56	+3	+7	36.89	57.62	−1	+6
20	51.67	54.53	0	−8	46.96	60.34	+4	−2	41.45	1.51	+2	+8	36.76	57.40	−2	+2
21	51.54	54.79	+2	−7	46.79	60.46	+4	+2	41.28	1.46	0	+7	36.63	57.18	−3	−2
22	51.40	55.04	+3	−4	46.61	60.57	+4	+5	41.11	1.40	−1	+4	36.50	56.96	−3	−6
23	51.26	55.29	+4	−1	46.43	60.68	+3	+7	40.93	1.33	−3	0	36.37	56.73	−2	−8
24	51.11	55.53	+4	+3	46.26	60.79	+1	+7	40.76	1.26	−3	−4	36.25	56.49	−1	−8
25	50.97	55.77	+3	+6	46.08	60.89	0	+6	40.59	1.18	−3	−7	36.13	56.25	0	−7
26	50.82	56.01	+2	+7	45.90	60.98	−2	+3	40.42	1.10	−2	−9	36.01	56.01	+2	−4
27	50.67	56.24	0	+7	45.72	61.07	−3	−1	40.25	1.01	0	−8	35.89	55.76	+3	0
28	50.53	56.47	−1	+5	45.55	61.15	−3	−5	40.08	0.91	+1	−6	35.77	55.51	+3	+5
29	50.38	56.69	−3	+1	45.37	61.23	−2	−8	39.92	0.81	+2	−2	35.66	55.25	+2	+8
30	50.22	56.91	−3	−3	45.19	61.30	−1	−9	39.75	0.71	+3	+2	35.55	54.99	+1	+9
31	50.07	57.12	−3	−6	45.01	61.37	0	−7	39.59	0.59	+2	+6	35.44	54.73	0	+9
32					44.83	61.43	+2	−4					35.34	54.46	−2	+7

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 19′ 40″	7.490	+7.423	+82° 19′ 50″	7.493	+7.426	+82° 20′ 0″	7.496	+7.429
50	7.493	+7.426	60	7.496	+7.429	10	7.498	+7.431

$\alpha_{1944.0} = 20^h\ 46^m\ 45^s.85$ $\delta_{1944.0} = +82°\ 19'\ 32''.31$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Sa) 4 G. Octantis $5^m.63$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder	Februar AR.	Februar Dekl.	Februar ☾ Glieder	März AR.	März Dekl.	März ☾ Glieder	April AR.	April Dekl.	April ☾ Glieder
	$1^h 40^m$	−85° 3′	in $0^s.01$ | $0''.01$	$1^h 40^m$	−85° 3′	in $0^s.01$ | $0''.01$	$1^h 40^m$	−85° 3′	in $0^s.01$ | $0''.01$	$1^h 40^m$	−85° 3′	in $0^s.01$ | $0''.01$
1	26.72	38.87	+5 +7	18.84	36.64	+2 −3	12.62	29.82	−2 −5	8.65	19.24	−5 +4
2	26.46	38.89	+6 +4	18.60	36.47	−1 −5	12.44	29.52	−4 −3	8.57	18.86	−4 +6
3	26.21	38.90	+5 +1	18.36	36.30	−3 −4	12.27	29.22	−5 −1	8.51	18.49	−2 +7
4	25.95	38.91	+4 −2	18.12	36.12	−5 −3	12.10	28.91	−6 +2	8.44	18.11	0 +8
5	25.70	38.91	+1 −4	17.88	35.94	−6 0	11.93	28.60	−5 +4	8.38	17.74	+3 +7
6	25.44	38.91	−2 −5	17.64	35.75	−5 +2	11.77	28.29	−3 +6	8.32	17.36	+4 +5
7	25.19	38.90	−4 −4	17.41	35.56	−4 +4	11.61	27.97	−1 +7	8.27	16.98	+5 +2
8	24.93	38.88	−5 −2	17.18	35.36	−2 +6	11.45	27.65	+1 +7	8.22	16.60	+6 −1
9	24.67	38.86	−6 0	16.95	35.16	0 +7	11.29	27.33	+3 +6	8.17	16.22	+5 −4
10	24.41	38.83	−5 +3	16.72	34.95	+2 +6	11.14	27.00	+5 +4	8.13	15.84	+3 −7
11	24.15	38.79	−4 +5	16.49	34.74	+4 +5	10.99	26.68	+6 +1	8.09	15.46	+1 −9
12	23.90	38.75	−2 +6	16.27	34.52	+5 +2	10.84	26.34	+5 −3	8.06	15.08	−2 −10
13	23.64	38.70	+1 +6	16.05	34.30	+6 −1	10.70	26.01	+4 −6	8.03	14.70	−4 −9
14	23.38	38.65	+3 +6	15.83	34.07	+5 −4	10.56	25.67	+2 −9	8.01	14.32	−6 −6
15	23.12	38.59	+5 +4	15.61	33.84	+4 −8	10.42	25.33	0 −10	7.99	13.94	−6 −2
16	22.87	38.52	+6 +1	15.39	33.60	+1 −10	10.29	24.99	−3 −10	7.97	13.56	−5 +2
17	22.61	38.45	+6 −2	15.17	33.36	−2 −11	10.16	24.65	−5 −8	*)7.96	13.18	−2 +5
18	22.36	38.37	+5 −6	14.96	33.11	−4 −10	10.03	24.30	−6 −5	7.95	12.80	+1 +7
19	22.10	38.29	+3 −9	14.75	32.86	−6 −7	9.91	23.95	−6 −1	7.94	12.42	+4 +7
20	21.84	38.20	0 −11	14.54	32.60	−6 −3	9.79	23.60	−4 +4	7.94	12.04	+6 +5
21	21.59	38.10	−3 −10	14.34	32.35	−5 +2	9.68	23.25	−1 +7	7.94	11.66	+6 +2
22	21.33	38.00	−5 −8	14.14	32.08	−3 +6	9.56	22.89	+2 +8	7.95	11.28	+5 −1
23	21.08	37.89	−6 −4	13.94	31.81	0 +8	9.46	22.53	+5 +7	7.96	10.91	+3 −4
24	20.83	37.77	−6 0	13.74	31.54	+3 +8	9.35	22.17	+6 +4	7.98	10.53	0 −5
25	20.57	37.65	−4 +4	13.55	31.27	+6 +7	9.25	21.81	+6 +1	8.00	10.15	−3 −5
26	20.32	37.53	−1 +8	13.35	30.98	+6 +4	9.15	21.45	+4 −2	8.02	9.77	−5 −4
27	20.08	37.39	+2 +9	13.17	30.70	+5 0	9.06	21.09	+2 −4	8.05	9.40	−6 −1
28	19.83	37.25	+4 +8	12.98	30.41	+3 −3	8.97	20.72	−1 −5	8.08	9.02	−6 +2
29	19.58	37.11	+6 +6	12.80	30.12	0 −4	8.88	20.35	−4 −4	8.12	8.65	−5 +5
30	19.33	36.96	+6 +2	12.62	29.82	−2 −5	8.80	19.98	−5 −2	8.16	8.28	−3 +7
31	19.08	36.80	+4 −1				8.72	19.61	−6 +1	8.20	7.91	0 +8
32	18.84	36.64	+2 −3				8.65	19.24	−5 +4			

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−85° 3′ 0″	11.589	−11.546	−85° 3′ 10″	11.596	−11.553	−85° 3′ 30″	11.609	−11.566
10	11.596	−11.553	20	11.602	−11.559	40	11.615	−11.572

$\alpha_{1944.0} = 1^h\ 40^m\ 25^s.86$ $\delta_{1944.0} = -85°\ 3'\ 11''.75$

*) Tag der doppelten unteren Kulmination; April 17.

Obere Kulmination Greenwich

Sa) 4 G. Octantis $5^m.63$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	$1^h 40^m$	$-85° 2'$	in $0^s.01$	in $0''.01$	$1^h 40^m$	$-85° 2'$	in $0^s.01$	in $0''.01$	$1^h 40^m$	$-85° 2'$	in $0^s.01$	in $0''.01$	$1^h 40^m$	$-85° 2'$	in $0^s.01$	in $0''.01$
1	$8^s.20$	$67''.91$	0	+8	$11^s.35$	$57''.42$	+6	+2	$17^s.29$	$50''.52$	+3	−7	$24^s.90$	$48''.34$	−5	−8
2	8.25	67.54	+2	+7	11.51	57.13	+6	−2	17.52	50.37	+1	−10	25.15	48.36	−7	−5
3	8.30	67.17	+4	+6	11.67	56.84	+4	−5	17.75	50.22	−2	−10	25.40	48.39	−6	0
4	8.35	66.80	+5	+3	11.84	56.55	+2	−8	17.98	50.07	−4	−9	25.65	48.42	−4	+4
5	8.41	66.44	+6	0	12.00	56.27	0	−10	18.22	49.93	−6	−6	25.89	48.46	−1	+7
6	8.47	66.08	+5	−3	12.18	55.99	−3	−9	18.46	49.80	−6	−2	26.14	48.51	+2	+8
7	8.53	65.71	+4	−6	12.35	55.72	−5	−8	18.70	49.67	−5	+2	26.38	48.56	+5	+8
8	8.60	65.35	+2	−9	12.53	55.45	−6	−4	18.94	49.55	−3	+6	26.63	48.62	+6	+5
9	8.67	64.99	−1	−10	12.71	55.19	−6	0	19.18	49.43	0	+8	26.87	48.69	+6	+2
10	8.75	64.64	−4	−9	12.89	54.92	−4	+4	19.42	49.32	+3	+8	27.11	48.76	+4	−2
11	8.83	64.28	−5	−6	13.07	54.67	−2	+7	19.67	49.21	+5	+7	27.35	48.83	+2	−4
12	8.92	63.93	−6	−3	13.26	54.42	+1	+8	19.91	49.11	+6	+4	27.59	48.91	−1	−5
13	9.01	63.58	−5	+1	13.45	54.17	+4	+7	20.16	49.02	+6	0	27.82	49.00	−3	−4
14	9.10	63.23	−3	+5	13.64	53.92	+6	+5	20.40	48.93	+4	−3	28.06	49.09	−5	−2
15	9.19	62.89	0	+7	13.84	53.69	+6	+2	20.65	48.85	+1	−5	28.30	49.19	−6	0
16	9.29	62.54	+3	+7	14.04	53.45	+5	−2	20.90	48.77	−2	−5	28.53	49.30	−5	+3
17	9.39	62.20	+5	+6	14.24	53.22	+3	−4	21.15	48.70	−4	−4	28.76	49.41	−4	+6
18	9.50	61.86	+6	+3	14.45	52.99	0	−6	21.40	48.63	−5	−2	28.99	49.53	−2	+7
19	9.61	61.52	+6	0	14.65	52.77	−3	−6	21.65	48.57	−6	+1	29.21	49.65	+1	+8
20	9.72	61.19	+4	−3	14.86	52.56	−5	−4	21.90	48.52	−5	+4	29.44	49.78	+3	+7
21	9.84	60.86	+2	−5	15.07	52.35	−6	−1	22.15	48.47	−3	+6	29.66	49.91	+5	+5
22	9.96	60.53	−1	−6	15.29	52.14	−6	+2	22.40	48.43	−1	+7	29.88	50.05	+6	+2
23	10.09	60.21	−4	−4	15.50	51.94	−4	+5	22.65	48.40	+1	+7	30.10	50.19	+6	−1
24	10.22	59.88	−5	−2	15.72	51.75	−2	+7	22.90	48.37	+3	+6	30.31	50.34	+5	−5
25	10.35	59.56	−6	+1	15.94	51.56	0	+8	23.16	48.34	+5	+4	30.53	50.49	+3	−8
26	10.48	59.25	−5	+4	16.16	51.37	+2	+7	23.41	48.32	+6	+1	30.74	50.65	+1	−10
27	10.62	58.93	−4	+6	16.38	51.19	+4	+5	23.66	48.31	+6	−3	30.95	50.81	−2	−11
28	10.76	58.62	−2	+7	16.60	51.02	+6	+3	23.91	48.30	+4	−6	31.15	50.98	−4	−10
29	10.90	58.31	+1	+8	16.83	50.85	+6	−1	24.16	48.30	+2	−9	31.36	51.16	−6	−7
30	11.05	58.01	+3	+7	17.06	50.68	+5	−4	24.41	48.31	0	−11	31.56	51.34	−6	−3
31	11.20	57.71	+5	+5	17.29	50.52	+3	−7	24.66	48.32	−3	−10	31.75	51.52	−5	+2
32	11.35	57.42	+6	+2					24.90	48.34	−5	−8	31.95	51.71	−2	+5

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−85° 2′ 40″	11.576	−11.533	−85° 2′ 50″	11.583	−11.540	−85° 3′ 0″	11.589	−11.546
50	11.583	−11.540	60	11.589	−11.546	10	11.596	−11.553

$\alpha_{1944.0} = 1^h\ 40^m\ 25^s.86$ $\delta_{1944.0} = -85°\ 3'\ 11''.75$

5a) 4 G. Octantis $5^{m}.63$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$1^h\,40^m$	$-85°\,2'$	in $0^s.01$	$0''.01$	$1^h\,40^m$	$-85°\,2'$	in $0^s.01$	$0''.01$	$1^h\,40^m$	$-85°\,3'$	in $0^s.01$	$0''.01$	$1^h\,40^m$	$-85°\,3'$	in $0^s.01$	$0''.01$
1	$31^s.95$	$51''.71$	−2	+5	$36^s.17$	$59''.30$	+5	+6	$36^s.30$	$9''.29$	0	−6	$32^s.26$	$17''.06$	−6	−2
2	32.14	51.91	+1	+8	36.24	59.60	+7	+4	36.23	9.60	−3	−6	32.07	17.26	−6	+2
3	32.33	52.11	+4	+8	36.32	59.90	+6	0	36.15	9.90	−5	−3	31.87	17.45	−5	+5
4	32.52	52.31	+6	+6	36.39	60.20	+4	−3	36.07	10.20	−6	0	31.67	17.63	−3	+8
5	32.70	52.52	+6	+3	36.45	60.51	+2	−5	35.98	10.50	−6	+4	31.47	17.81	−1	+9
6	32.88	52.73	+5	−1	36.51	60.82	−2	−6	35.89	10.79	−4	+7	31.27	17.99	+2	+9
7	33.06	52.95	+3	−4	36.56	61.13	−4	−4	35.79	11.08	−2	+9	31.06	18.16	+4	+7
8	33.23	53.17	0	−5	36.61	61.44	−6	−1	35.69	11.37	0	+9	30.85	18.32	+5	+5
9	33.40	53.40	−3	−5	36.65	61.75	−6	+2	35.58	11.66	+3	+8	30.64	18.48	+6	+1
10	33.56	53.63	−5	−3	36.69	62.07	−5	+5	35.47	11.94	+4	+6	30.42	18.63	+5	−2
11	33.73	53.86	−6	0	36.72	62.38	−3	+7	35.36	12.23	+5	+3	30.20	18.78	+4	−5
12	33.88	54.10	−6	+3	36.75	62.70	−1	+9	35.24	12.50	+6	0	29.98	18.92	+2	−8
13	34.04	54.34	−4	+6	36.78	63.01	+1	+9	35.12	12.78	+5	−4	29.76	19.06	−1	−9
14	34.19	54.59	−2	+7	36.80	63.33	+3	+7	34.99	13.05	+3	−7	29.53	19.19	−4	−9
15	34.34	54.84	0	+8	36.82	63.65	+5	+5	34.86	13.32	0	−9	29.31	19.31	−6	−7
16	34.49	55.09	+2	+8	{36.83 36.84	63.97 64.29	+6 +5	+2} −1}	34.72	13.58	−2	−10	29.08	19.43	−6	−4
17	34.63	55.35	+4	+6	36.84	64.60	+4	−5	34.58	13.84	−4	−9	28.85	19.54	−6	0
18	34.77	55.61	+5	+4	36.84	64.92	+2	−8	34.44	14.10	−6	−7	28.61	19.65	−4	+4
19	34.90	55.88	+6	0	36.83	65.24	0	−9	34.30	14.35	−6	−3	28.38	19.75	−1	+6
20	35.03	56.15	+5	−3	36.82	65.56	−3	−10	34.15	14.60	−5	+1	28.14	19.84	+2	+7
21	35.15	56.42	+4	−6	36.80	65.87	−5	−9	34.00	14.85	−3	+4	27.90	19.93	+5	+7
22	35.27	56.69	+2	−9	36.78	66.19	−6	−6	33.84	15.09	0	+6	27.66	20.01	+6	+4
23	35.39	56.97	−1	−10	36.75	66.50	−6	−2	33.68	15.33	+3	+7	27.42	20.09	+7	+1
24	35.50	57.25	−3	−10	36.72	66.82	−4	+2	33.51	15.56	+5	+5	27.18	20.16	+5	−3
25	35.61	57.54	−5	−8	36.68	67.13	−2	+5	33.35	15.79	+7	+2	26.93	20.22	+3	−6
26	35.71	57.83	−6	−5	36.64	67.44	+1	+7	33.17	16.01	+6	−1	26.68	20.28	0	−7
27	35.81	58.12	−6	−1	36.59	67.76	+4	+6	33.00	16.23	+4	−4	26.44	20.33	−3	−6
28	35.91	58.41	−4	+3	36.54	68.07	+6	+4	32.82	16.44	+2	−6	26.19	20.37	−5	−3
29	36.00	58.71	−1	+6	36.49	68.37	+7	+1	32.64	16.65	−2	−7	25.94	20.41	−6	0
30	36.08	59.00	+3	+7	36.43	68.68	+5	−2	32.45	16.86	−4	−5	25.69	20.45	−6	+3
31	36.17	59.30	+5	+6	36.37	68.99	+3	−5	32.26	17.06	−6	−2	25.44	20.47	−4	+6
32					36.30	69.29	0	−6					25.18	20.49	−2	+8

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−85° 2′ 50″	11.583	−11.540	−85° 3′ 0″	11.589	−11.546	−85° 3′ 20″	11.602	−11.559
60	11.589	−11.546	10	11.596	−11.553	30	11.609	−11.566

$\alpha_{1944.0} = 1^h\ 40^m\ 25^s.36$ $\delta_{1944.0} = -85°\ 3'\ 11''.75$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

86) ξ Mensae $5^m\!.85$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder		Februar AR.	Februar Dekl.	Februar ☾ Glieder		März AR.	März Dekl.	März ☾ Glieder		April AR.	April Dekl.	April ☾ Glieder	
	$5^h\,5^m$	−82° 33′	in $0^s\!.01$	in $0''\!.01$	$5^h\,5^m$	−82° 33′	in $0^s\!.01$	in $0''\!.01$	$5^h\,5^m$	−82° 33′	in $0^s\!.01$	in $0''\!.01$	$5^h\,5^m$	−82° 33′	in $0^s\!.01$	in $0''\!.01$
	s	"			s	"			s	"			s	"		
1	20.92	10.46	0	+9	16.78	17.51	+2	0	11.49	19.83	+1	−5	5.66	17.37	−3	−4
2	20.82	10.75	+1	+8	16.62	17.67	+1	−3	11.29	19.83	−1	−7	5.48	17.21	−3	−1
3	20.72	11.04	+2	+6	16.45	17.81	0	−5	11.10	19.82	−2	−7	5.31	17.05	−3	+2
4	20.62	11.32	+2	+3	16.28	17.96	−1	−7	10.91	19.81	−3	−5	5.14	16.88	−2	+4
5	20.51	11.60	+2	−1	16.11	18.10	−2	−6	10.72	19.79	−3	−3	4.97	16.71	−1	+6
6	20.41	11.87	+1	−4	15.93	18.23	−3	−4	10.52	19.77	−3	0	4.80	16.53	0	+7
7	20.30	12.14	0	−6	15.76	18.36	−3	−2	10.33	19.74	−2	+3	4.63	16.35	+1	+7
8	20.19	12.41	−1	−7	15.58	18.48	−3	+1	10.13	19.71	−2	+5	4.46	16.17	+2	+5
9	20.07	12.67	−2	−6	15.40	18.60	−2	+3	9.94	19.67	0	+6	4.29	15.98	+3	+3
10	19.95	12.93	−3	−4	15.22	18.71	−1	+5	9.75	19.63	+1	+7	4.13	15.79	+3	−1
11	19.83	13.18	−3	−1	15.05	18.82	0	+7	9.56	19.58	+2	+6	3.96	15.59	+3	−4
12	19.71	13.44	−2	+2	14.87	18.92	+1	+7	9.36	19.52	+3	+4	3.80	15.39	+2	−7
13	19.59	13.68	−2	+4	14.68	19.01	+2	+6	9.17	19.46	+3	+1	3.64	15.18	+1	−9
14	19.46	13.92	−1	+6	14.50	19.11	+3	+3	8.98	19.40	+3	−2	3.48	14.97	0	−9
15	19.33	14.16	+1	+7	14.32	19.19	+4	0	8.79	19.33	+3	−6	3.33	14.76	−2	−7
16	19.20	14.40	+2	+7	14.13	19.27	+3	−4	8.60	19.25	+2	−8	3.17	14.54	−2	−4
17	19.06	14.62	+3	+5	13.95	19.35	+2	−7	8.41	19.17	0	−9	3.02	14.32	−3	+1
18	18.92	14.85	+4	+2	13.76	19.42	+1	−9	8.22	19.09	−1	−9	2.87	14.09	−2	+5
19	18.78	15.07	+4	−1	13.57	19.48	0	−9	8.03	19.00	−2	−6	2.72	13.86	−1	+8
20	18.64	15.29	+3	−5	13.38	19.54	−2	−7	7.84	18.90	−3	−2	2.57	13.62	+1	+9
21	18.49	15.50	+2	−8	13.20	19.59	−2	−4	7.65	18.80	−2	+3	2.43	13.39	+2	+8
22	18.35	15.71	0	−9	13.01	19.64	−3	0	7.47	18.70	−1	+6	2.29	13.14	+2	+5
23	18.20	15.91	−1	−9	12.82	19.68	−2	+5	7.28	18.59	0	+9	2.15	12.90	+2	+1
24	18.05	16.11	−2	−6	12.63	19.72	−1	+8	7.10	18.47	+1	+9	2.01	12.65	+2	−3
25	17.90	16.30	−3	−2	12.44	19.75	0	+9	6.91	18.35	+2	+7	1.87	12.40	+1	−5
26	17.74	16.49	−3	+3	12.25	19.78	+1	+8	6.73	18.23	+2	+3	1.73	12.14	−1	−7
27	17.59	16.67	−2	+6	12.06	19.80	+2	+5	6.55	18.10	+2	−1	1.60	11.88	−2	−7
28	17.43	16.85	−1	+9	11.87	19.82	+2	+2	6.37	17.96	+1	−4	1.47	11.62	−3	−5
29	17.27	17.02	0	+9	11.68	19.83	+2	−2	6.19	17.82	0	−6	1.34	11.35	−3	−2
30	17.11	17.19	+1	+7	11.49	19.83	+1	−5	6.01	17.67	−1	−7	1.21	11.08	−3	+1
31	16.95	17.35	+2	+4					5.84	17.52	−2	−6	1.09	10.81	−2	+4
32	16.78	17.51	+2	0					5.66	17.37	−3	−4				

δ	sec δ	tg δ
−82° 33′ 10″	7.715	−7.650
20	7.718	−7.653

$\alpha_{1944.0} = 5^h\ 5^m\ 10^s\!.22$ $\delta_{1944.0} = -82°\ 32'\ 55''\!.02$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

8b) ξ Mensae $5^{m}.85$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	$5^h\ 4^m$	— $82°\ 33'$	in $0^s.01$	$0''.01$	$5^h\ 4^m$	— $82°\ 32'$	in $0^s.01$	$0''.01$	$5^h\ 4^m$	— $82°\ 32'$	in $0^s.01$	$0''.01$	$5^h\ 5^m$	— $82°\ 32'$	in $0^s.01$	$0''.01$
1	61.09	10.81	−2	+4	58.50	61.10	+2	+7	58.54	50.87	+3	0	1.16	41.91	0	−10
2	60.97	10.53	−1	+6	58.46	60.76	+3	+5	58.58	50.54	+3	−4	1.28	41.68	−1	−9
3	60.85	10.25	0	+7	58.42	60.42	+3	+2	58.63	50.22	+2	−7	1.41	41.45	−2	−6
4	60.73	9.97	+1	+7	58.39	60.08	+3	−2	58.68	49.89	+1	−9	1.53	41.23	−3	−2
5	60.62	9.68	+2	+6	58.36	59.74	+3	−5	58.73	49.57	0	−9	1.66	41.01	−3	+2
6	60.50	9.39	+3	+4	58.33	59.39	+2	−8	58.79	49.25	−2	−8	1.79	40.79	−2	+6
7	60.40	9.10	+3	+1	*)58.30	59.05	0	−9	58.85	48.93	−3	−4	1.92	40.58	0	+9
8	60.29	8.81	+3	−3	58.28	58.71	−1	−9	58.91	48.61	−3	0	2.05	40.37	+1	+9
9	60.18	8.51	+2	−6	58.26	58.36	−2	−6	58.98	48.30	−2	+4	2.19	40.17	+2	+7
10	60.08	8.21	+1	−8	58.24	58.02	−3	−2	59.04	47.99	−1	+8	2.32	39.98	+2	+4
11	59.98	7.91	0	−9	58.22	57.68	−3	+2	59.11	47.68	0	+9	2.46	39.79	+2	0
12	59.89	7.60	−1	−8	58.21	57.33	−2	+6	59.19	47.37	+1	+8	2.60	39.60	+1	−4
13	59.79	7.29	−2	−5	58.20	56.99	−1	+8	59.26	47.07	+2	+6	2.74	39.42	0	−6
14	59.70	6.98	−3	−1	58.19	56.65	+1	+9	59.34	46.77	+2	+2	2.89	39.25	−1	−7
15	59.61	6.67	−2	+3	58.19	56.30	+2	+7	59.42	46.47	+2	−2	3.03	39.08	−2	−6
16	59.52	6.36	−1	+7	58.19	55.96	+2	+4	59.50	46.17	+1	−5	3.18	38.91	−3	−4
17	59.44	6.05	0	+9	58.19	55.61	+2	0	59.59	45.88	0	−7	3.33	38.75	−3	−1
18	59.36	5.73	+1	+8	58.20	55.26	+2	−3	59.68	45.59	−1	−7	3.48	38.59	−3	+2
19	59.28	5.41	+2	+6	58.21	54.92	0	−6	59.77	45.30	−2	−5	3.63	38.44	−2	+5
20	59.20	5.09	+3	+3	58.22	54.58	−1	−7	59.86	45.02	−3	−3	3.78	38.30	−1	+7
21	59.13	4.77	+2	−1	58.23	54.23	−2	−7	59.95	44.74	−3	0	3.94	38.16	0	+7
22	59.06	4.44	+1	−4	58.25	53.89	−3	−5	60.05	44.47	−2	+3	4.09	38.03	+2	+7
23	58.99	4.11	0	−7	58.27	53.55	−3	−2	60.15	44.19	−2	+5	4.25	37.90	+3	+5
24	58.93	3.78	−1	−7	58.29	53.21	−3	+1	60.25	43.93	0	+7	4.40	37.78	+3	+3
25	58.86	3.45	−2	−6	58.32	52.87	−2	+4	60.36	43.66	+1	+8	4.56	37.67	+4	−1
26	58.80	3.12	−3	−4	58.35	52.54	−1	+6	60.47	43.40	+2	+7	4.72	37.56	+3	−5
27	58.74	2.79	−3	−1	58.38	52.20	0	+7	60.58	43.14	+3	+5	4.88	37.46	+2	−8
28	58.69	2.45	−3	+2	58.41	51.86	+1	+7	60.69	42.89	+4	+1	5.04	37.36	+1	−10
29	58.64	2.11	−2	+5	58.45	51.53	+2	+6	60.81	42.64	+4	−3	5.21	37.27	0	−10
30	58.59	1.78	−1	+7	58.49	51.20	+3	+3	60.92	42.39	+3	−6	5.37	37.19	−2	−8
31	58.54	1.44	+1	+8	58.54	50.87	+3	0	61.04	42.15	+2	−9	5.53	37.11	−2	−4
32	58.50	1.10	+2	+7					61.16	41.91	0	−10	5.69	37.03	−3	0

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−82° 32′ 30″	7.704	−7.639	−82° 32′ 50″	7.710	−7.644	−82° 33′ 10″	7.715	−7.650
40	7.707	−7.642	60	7.712	−7.647	20	7.718	−7.653

$\alpha_{1944.0} = 5^h\ 5^m\ 10^s.22$ $\delta_{1944.0} = -82°\ 32'\ 55''.02$

*) Tag der doppelten unteren Kulmination: Juni 7.

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Sb) ξ Mensae $5^m.85$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
	$5^h\ 5^m$	—82° 32′	in $0^s.01$	$0''.01$	$5^h\ 5^m$	—82° 32′	in $0^s.01$	$0''.01$	$5^h\ 5^m$	—82° 32′	in $0^s.01$	$0''.01$	$5^h\ 5^m$	—82° 32′	in $0^s.01$	$0''.01$
1	5.69	37.03	−3	0	10.61	37.71	0	+9	14.65	43.90	+3	+1	16.20	53.28	0	−7
2	5.86	36.97	−2	+5	10.76	37.83	+1	+9	14.74	44.18	+2	−3	16.21	53.61	−2	−8
3	6.02	36.90	−1	+8	10.91	37.95	+2	+6	14.83	44.46	0	−6	16.20	53.95	−3	−6
4	6.19	36.85	0	+9	11.07	38.08	+2	+3	14.92	44.74	−1	−7	16.20	54.28	−3	−3
5	6.35	36.80	+2	+8	11.22	38.22	+2	−1	15.01	45.03	−2	−7	16.19	54.61	−3	+1
6	6.51	36.76	+2	+5	11.37	38.36	+1	−5	15.09	45.32	−3	−4	16.18	54.95	−3	+4
7	6.68	36.72	+2	+1	11.52	38.51	0	−7	15.17	45.61	−4	−1	16.17 16.15	55.28 55.62	−2 −1	+6 +8
8	6.84	36.69	+2	−3	11.67	38.66	−2	−7	15.25	45.90	−3	+2	16.13	55.95	+1	+8
9	7.01	36.67	0	−5	11.82	38.82	−3	−6	15.32	46.20	−2	+5	16.11	56.28	+2	+7
10	7.18	36.65	−1	−7	11.96	38.99	−3	−3	15.40	46.50	−1	+7	16.08	56.61	+3	+4
11	7.34	36.64	−2	−7	12.11	39.16	−3	0	15.47	46.80	0	+8	16.05	56.95	+3	+1
12	7.51	36.63	−3	−5	12.25	39.33	−3	+3	15.53	47.11	+1	+8	16.02	57.28	+3	−3
13	7.68	36.63	−3	−2	12.39	39.52	−2	+6	15.60	47.42	+2	+6	15.98	57.61	+2	−6
14	7.84	36.64	−3	+1	12.52	39.71	−1	+7	15.66	47.73	+3	+3	15.94	57.94	+1	−9
15	8.01	36.65	−2	+4	12.66	39.90	0	+7	15.72	48.04	+3	0	15.90	58.27	0	−10
16	8.18	36.67	−1	+6	12.79	40.10	+2	+7	15.77	48.36	+3	−4	15.85	58.59	−1	−9
17	8.34	36.70	0	+7	12.93	40.30	+3	+5	15.83	48.68	+2	−7	15.81	58.91	−2	−6
18	8.51	36.73	+1	+7	13.05	40.51	+3	+2	15.87	49.00	+1	−9	15.75	59.23	−3	−2
19	8.67	36.77	+2	+6	13.18	40.72	+3	−2	15.92	49.32	0	−9	15.70	59.55	−2	+2
20	8.83	36.82	+3	+4	13.31	40.94	+3	−5	15.96	49.64	−1	−8	15.64	59.87	−1	+6
21	9.00	36.87	+3	+1	13.43	41.16	+2	−8	16.00	49.96	−2	−5	15.58	60.19	0	+8
22	9.16	36.92	+3	−3	13.55	41.39	+1	−10	16.03	50.29	−2	−1	15.51	60.50	+1	+9
23	9.32	36.99	+3	−6	13.68	41.62	−1	−9	16.06	50.62	−2	+3	15.44	60.81	+2	+7
24	9.49	37.06	+2	−9	13.79	41.86	−2	−7	16.09	50.95	−1	+7	15.37	61.12	+3	+4
25	9.65	37.13	0	−10	13.91	42.10	−2	−4	16.12	51.28	0	+9	15.29	61.42	+3	0
26	9.81	37.21	−1	−9	14.02	42.34	−2	+1	16.14	51.61	+2	+8	15.21	61.73	+2	−4
27	9.97	37.30	−2	−6	14.13	42.59	−1	+5	16.16	51.95	+3	+6	15.13	62.03	0	−7
28	10.13	37.40	−2	−2	14.24	42.85	0	+8	16.18	52.28	+3	+2	15.04	62.32	−1	−8
29	10.29	37.50	−2	+3	14.35	43.10	+1	+9	16.19	52.61	+2	−2	14.96	62.62	−2	−7
30	10.45	37.60	−1	+7	14.45	43.37	+2	+8	16.20	52.94	+1	−5	14.87	62.91	−3	−4
31	10.61	37.71	0	+9	14.55	43.63	+3	+5	16.20	53.28	0	−7	14.77	63.20	−3	−1
32					14.65	43.90	+3	+1					14.68	63.49	−3	+2

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−82° 32′ 30″	7.704	−7.639	−82° 32′ 50″	7.710	−7.644	−82° 33′ 0″	7.712	−7.647
40	7.707	−7.642	60	7.712	−7.647	10	7.715	−7.650

$\alpha_{1944.0} = 5^h\ 5^m\ 10^s.22$ $\delta_{1944.0} = -82°\ 32'\ 55''.02$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Sc) ζ Octantis $5^{m}.38$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder in		Februar AR.	Februar Dekl.	Februar ☾ Glieder in		März AR.	März Dekl.	März ☾ Glieder in		April AR.	April Dekl.	April ☾ Glieder in	
	$9^h 5^m$	$-85° 26'$	$0^s.01$	$0''.01$	$9^h 5^m$	$-85° 26'$	$0^s.01$	$0''.01$	$9^h 5^m$	$-85° 26'$	$0^s.01$	$0''.01$	$9^h 5^m$	$-85° 26'$	$0^s.01$	$0''.01$
	s	"			s	"			s	"			s	"		
1	32.50	19.48	−7	0	34.11	30.50	−1	+6	31.27	41.29	+4	−1	24.70	50.11	0	−9
2	32.63	19.80	−6	+4	34.08	30.87	+1	+4	31.10	41.63	+4	−5	24.45	50.34	−2	−8
3	32.75	20.13	−5	+6	34.05	31.24	+3	+1	30.94	41.96	+3	−7	24.19	50.55	−4	−6
4	32.86	20.46	−3	+7	34.01	31.61	+4	−3	30.77	42.28	+1	−8	23.93	50.77	−5	−3
5	32.97	20.79	0	+6	33.97	31.99	+4	−5	30.60	42.61	0	−8	23.67	50.98	−5	+1
6	33.08	21.13	+2	+3	33.92	32.36	+3	−7	30.42	42.93	−2	−7	23.40	51.18	−5	+4
7	33.18	21.46	+4	0	33.87 33.81	32.73 33.10	+1 −1	−8 −7	30.24	43.25	−4	−4	23.14	51.38	−4	+6
8	33.27	21.80	+4	−3	33.75	33.47	−3	−6	30.06	43.57	−5	−1	22.87	51.58	−2	+8
9	33.36	22.14	+4	−6	33.68	33.84	−4	−3	29.87	43.88	−5	+2	22.60	51.77	+1	+8
10	33.45	22.49	+3	−7	33.61	34.21	−5	0	29.68	44.19	−4	+5	22.33	51.96	+4	+7
11	33.53	22.84	+1	−8	33.53	34.58	−5	+3	29.49	44.50	−3	+7	22.05	52.14	+6	+5
12	33.61	23.19	−1	−7	33.45	34.94	−4	+6	29.29	44.80	−1	+9	21.78	52.32	+7	+2
13	33.68	23.54	−3	−5	33.37	35.31	−2	+8	29.09	45.10	+2	+9	21.50	52.49	+7	−2
14	33.75	23.89	−4	−2	33.28	35.67	0	+9	28.88	45.40	+5	+7	21.23	52.66	+6	−5
15	33.81	24.25	−5	+2	33.19	36.04	+3	+9	28.68	45.69	+6	+4	20.95	52.82	+3	−7
16	33.87	24.60	−4	+5	33.09	36.40	+6	+6	28.46	45.98	+7	0	20.67	52.98	0	−7
17	33.92	24.96	−3	+8	32.99	36.76	+7	+3	28.25	46.27	+7	−3	20.39	53.13	−3	−5
18	33.97	25.32	−1	+9	32.88	37.12	+7	−1	28.03	46.55	+5	−6	20.11	53.28	−5	−2
19	34.01	25.69	+2	+9	32.77	37.48	+6	−5	27.81	46.83	+2	−7	19.83	53.42	−6	+2
20	34.05	26.05	+4	+8	32.65	37.84	+4	−7	27.59	47.11	−1	−6	19.54	53.56	−6	+6
21	34.08	26.42	+6	+5	32.54	38.19	+1	−7	27.36	47.38	−4	−4	19.26	53.70	−4	+8
22	34.11	26.78	+7	+1	32.41	38.54	−3	−6	27.13	47.65	−6	0	18.98	53.83	−1	+8
23	34.13	27.15	+7	−3	32.28	38.89	−5	−3	26.90	47.92	−6	+3	18.69	53.95	+1	+6
24	34.15	27.52	+5	−6	32.15	39.24	−7	+1	26.67	48.18	−5	+6	18.40	54.07	+3	+2
25	34.16	27.89	+2	−8	32.02	39.59	−6	+4	26.43	48.44	−3	+7	18.11	54.18	+4	−1
26	34.17	28.26	−1	−7	31.87	39.94	−5	+6	26.19	48.69	0	+6	17.82	54.29	+4	−5
27	34.17	28.63	−4	−5	31.73	40.28	−2	+7	25.95	48.94	+2	+4	17.53	54.39	+3	−8
28	34.17	29.00	−6	−2	31.58	40.62	+1	+5	25.71	49.18	+4	0	17.24	54.49	+1	−9
29	34.16	29.38	−7	+2	31.42	40.96	+3	+2	25.46	49.42	+4	−4	16.95	54.58	−1	−8
30	34.15	29.75	−6	+5	31.27	41.29	+4	−1	25.21	49.66	+4	−7	16.66	54.67	−3	−7
31	34.13	30.12	−4	+6					24.96	49.89	+2	−8	16.37	54.75	−5	−4
32	34.11	30.50	−1	+6					24.70	50.11	0	−9				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−85° 26′ 10″	12.567	−12.528	−85° 26′ 30″	12.583	−12.543	−85° 26′ 50″	12.598	−12.558
20	12.575	−12.535	40	12.590	−12.551	60	12.606	−12.566

$\alpha_{1944.0} = 9^h\ 5^m\ 12^s.91$ $\delta_{1944.0} = -85°\ 26'\ 31''.35$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Sc) ζ Octantis $5^m.38$

Tag	Mai				Juni				Juli				August			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$9^h\ 5^m$	$-85°\ 26'$	in $0^s.01$	$0''.01$	$9^h\ 5^m$	$-85°\ 26'$	in $0^s.01$	$0''.01$	$9^h\ 4^m$	$-85°\ 26'$	in $0^s.01$	$0''.01$	$9^h\ 4^m$	$-85°\ 26'$	in $0^s.01$	$0''.01$
1	$16^s.37$	$54''.75$	−5	−4	$7^s.50$	$54''.65$	−3	+7	$60^s.46$	$49''.89$	+3	+8	$56^s.47$	$41''.42$	+7	−4
2	16.08	54.83	−5	−1	7.23	54.56	−1	+9	60.28	49.66	+6	+6	56.41	41.11	+5	−7
3	15.78	54.90	−5	+3	6.96	54.47	+2	+8	60.09	49.43	+7	+2	56.36	40.80	+2	−8
4	15.49	54.97	−4	+6	6.69	54.37	+4	+7	59.91	49.20	+7	−2	56.31	40.49	−1	−7
5	15.20	55.03	−2	+8	6.43	54.26	+6	+4	59.73	48.96	+6	−5	56.26	40.17	−4	−5
6	14.91	55.08	0	+8	6.17	54.15	+7	0	59.56	48.72	+4	−8	56.22	39.86	−6	−1
7	14.61	55.13	+2	+8	5.91	54.04	+7	−4	59.39	48.48	+1	−8	*)56.18	39.54	−7	+3
8	14.32	55.18	+5	+6	5.65	53.92	+5	−6	59.22	48.23	−3	−6	56.15	39.23	−5	+6
9	14.03	55.22	+6	+3	5.39	53.80	+2	−8	59.06	47.98	−5	−3	56.13	38.91	−3	+7
10	13.74	55.25	+7	−1	5.14	53.67	−1	−7	58.90	47.72	−7	+1	56.11	38.60	0	+6
11	13.44	55.28	+6	−4	4.89	53.54	−4	−5	58.74	47.46	−6	+4	56.09	38.28	+2	+4
12	13.15	55.30	+4	−7	4.64	53.40	−5	−2	58.59	47.20	−5	+7	56.08	37.96	+4	0
13	12.86	55.32	+1	−8	4.40	53.26	−6	+2	58.44	46.93	−2	+7	56.08	37.64	+5	−3
14	12.57	55.33	−2	−6	4.15	53.11	−5	+6	58.30	46.67	+1	+6	56.08	37.33	+4	−6
15	12.28	55.34	−4	−3	3.91	52.95	−3	+7	58.16	46.40	+3	+3	56.08	37.01	+2	−8
16	11.99	55.34	−6	0	3.67	52.79	−1	+7	58.03	46.13	+4	−1	56.09	36.69	0	−9
17	11.70	55.34	−6	+4	3.44	52.63	+2	+5	57.90	45.85	+4	−4	56.10	36.37	−2	−8
18	11.41	55.33	−5	+7	3.21	52.46	+4	+2	57.77	45.57	+3	−7	56.12	36.05	−4	−5
19	11.12	55.31	−3	+8	2.98	52.29	+5	−2	57.65	45.29	+2	−8	56.14	35.73	−5	−2
20	10.84	55.29	0	+7	2.75	52.11	+4	−5	57.53	45.01	0	−8	56.17	35.42	−5	+1
21	10.55	55.27	+3	+4	2.53	51.93	+3	−8	57.42	44.72	−2	−7	56.20	35.10	−5	+4
22	10.27	55.24	+4	0	2.31	51.75	+1	−9	57.31	44.43	−4	−4	56.24	34.79	−4	+7
23	9.99	55.20	+5	−4	2.09	51.56	−1	−8	57.21	44.14	−5	−1	56.28	34.47	−2	+9
24	9.70	55.16	+4	−7	1.88	51.37	−3	−6	57.11	43.85	−5	+2	56.33	34.16	+1	+9
25	9.42	55.12	+2	−8	1.67	51.17	−5	−3	57.01	43.55	−5	+5	56.38	33.85	+4	+8
26	9.15	55.07	0	−9	1.46	50.97	−5	0	56.92	43.25	−3	+8	56.44	33.54	+6	+6
27	8.87	55.01	−2	−7	1.25	50.76	−5	+3	56.83	42.95	−1	+9	56.50	33.23	+8	+2
28	8.59	54.95	−4	−5	1.05	50.55	−4	+6	56.75	42.65	+2	+9	56.57	32.92	+8	−2
29	8.31	54.88	−5	−2	0.85	50.33	−2	+8	56.67	42.34	+5	+7	56.64	32.62	+6	−5
30	8.04	54.81	−5	+2	0.66	50.11	0	+9	56.60	42.03	+7	+4	56.71	32.31	+4	−7
31	7.77	54.73	−5	+5	0.46	49.89	+3	+8	56.53	41.73	+8	0	56.80	32.01	+1	−7
32	7.50	54.65	−3	+7					56.47	41.42	+7	−4	56.88	31.71	−3	−5

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−85° 26′ 30″	12.583	−12.543	−85° 26′ 40″	12.590	−12.551	−85° 26′ 50″	12.598	−12.558
40	12.590	−12.551	50	12.598	−12.558	60	12.606	−12.566

$\alpha_{1944.0} = 9^h\ 5^m\ 12^s.91$ $\delta_{1944.0} = -85°\ 26'\ 31''.35$

*) Tag der doppelten unteren Kulmination: Aug. 7.

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Sc) ζ Octantis 5ᵐ.38

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$9^h\,4^m$	— 85° 26′	in $0^s.01$	in $0''.01$	$9^h\,5^m$	— 85° 26′	in $0^s.01$	in $0''.01$	$9^h\,5^m$	— 85° 26′	in $0^s.01$	in $0''.01$	$9^h\,5^m$	— 85° 26′	in $0^s.01$	in $0''.01$
1	56.88	31.71	−3	−5	1.51	24.08	−6	+4	9.20	20.82	+2	+6	17.05	23.46	+5	−4
2	56.97	31.41	−5	−2	1.72	23.89	−5	+7	9.47	20.81	+4	+2	17.29	23.64	+4	−8
3	57.07	31.12	−6	+2	1.94	23.71	−3	+8	9.75	20.81	+5	−2	17.53	23.83	+2	−9
4	57.17	30.82	−6	+5	2.16	23.53	0	+7	10.02	20.82	+4	−6	17.76	24.03	−1	−9
5	57.28	30.53	−4	+7	2.38	23.35	+3	+4	10.29	20.83	+3	−9	17.99	24.23	−3	−8
6	57.39	30.24	−2	+7	2.60	23.18	+4	0	10.56	20.85	0	−10	18.22	24.44	−5	−5
7	57.51	29.95	+1	+5	2.83	23.01	+5	−4	10.84	20.88	−2	−9	18.44	24.65	−6	−1
8	57.62	29.67	+3	+2	3.06	22.85	+4	−8	11.11	20.91	−4	−7	18.66	24.87	−6	+2
9	57.75	29.39	+4	−2	3.30	22.70	+2	−9	11.38	20.95	−6	−4	18.87	25.09	−5	+5
10	57.88	29.11	+4	−6	3.53	22.55	−1	−9	11.65	21.00	−6	0	19.09	25.32	−3	+7
11	58.01	28.84	+3	−8	3.77	22.41	−3	−8	11.92	21.05	−5	+3	19.29	25.55	−1	+8
12	58.14	28.56	+1	−9	4.01	22.27	−5	−5	12.19	21.11	−4	+6	19.50	25.79	+2	+8
13	58.29	28.29	−1	−9	4.25	22.14	−6	−2	12.46	21.18	−2	+8	19.70	26.03	+4	+6
14	58.43	28.02	−3	−7	4.50	22.02	−6	+1	12.73	21.25	0	+8	19.90	26.28	+6	+3
15	58.58	27.76	−5	−4	4.75	21.90	−5	+4	13.00	21.33	+3	+7	20.10	26.53	+7	−1
16	58.73	27.50	−6	−1	5.00	21.79	−3	+7	13.26	21.41	+5	+5	20.29	26.79	+7	−4
17	58.89	27.25	−5	+3	5.25	21.68	−1	+8	13.52	21.50	+7	+2	20.48	27.06	+5	−7
18	59.05	26.99	−4	+6	5.50	21.58	+1	+8	13.79	21.60	+7	−2	20.66	27.32	+2	−8
19	59.22	26.75	−3	+8	5.76	21.49	+4	+7	14.05	21.71	+6	−5	20.84	27.60	−1	−7
20	59.39	26.50	0	+8	6.02	21.40	+6	+4	14.31	21.82	+4	−7	21.01	27.87	−3	−4
21	59.56	26.26	+3	+8	6.28	21.31	+7	+1	14.57	21.94	+1	−7	21.18	28.15	−5	−1
22	59.74	26.02	+5	+6	6.54	21.24	+7	−3	14.83	22.06	−2	−6	21.35	28.44	−6	+3
23	59.92	25.79	+7	+4	6.80	21.16	+6	−6	15.08	22.19	−4	−3	21.51	28.73	−5	+6
24	60.11	25.56	+8	0	7.06	21.10	+3	−7	15.34	22.33	−6	+1	21.67	29.02	−3	+8
25	60.30	25.33	+7	−4	7.33	21.04	0	−7	15.59	22.47	−6	+5	21.82	29.32	0	+8
26	60.49	25.11	+5	−6	7.59	20.99	−3	−4	15.84	22.62	−4	+8	21.97	29.62	+2	+6
27	60.69	24.89	+2	−7	7.86	20.94	−5	−1	16.09	22.78	−2	+9	22.12	29.93	+4	+2
28	60.89	24.68	−1	−6	8.13	20.90	−6	+3	16.33	22.94	+1	+7	22.26	30.23	+5	−2
29	61.09	24.48	−4	−3	8.39	20.87	−5	+6	16.57	23.11	+3	+4	22.40	30.55	+4	−6
30	61.30	24.28	−6	+1	8.66	20.85	−3	+8	16.81	23.28	+5	0	22.53	30.86	+3	−8
31	61.51	24.08	−6	+4	8.93	20.83	−1	+8	17.05	23.46	+5	−4	22.66	31.18	0	−9
32					9.20	20.82	+2	+6					22.78	31.50	−2	−8

δ	sec δ	tg δ	δ	sec δ	tg δ
−85° 26′ 20″	12.575	−12.535	−85° 26′ 30″	12.583	−12.543
30	12.583	−12.543	40	12.590	−12.551

$\alpha_{1944.0} = 9^h\ 5^m\ 12^s.91$ $\qquad$ $\delta_{1944.0} = -85^\circ\ 26'\ 31''.35$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

8d) ι Octantis $5^m.38$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder		Februar AR.	Februar Dekl.	Februar ☾ Glieder		März AR.	März Dekl.	März ☾ Glieder		April AR.	April Dekl.	April ☾ Glieder	
	12^h48^m	—84° 48′	in $0^s.01$	in $0''.01$	12^h49^m	—84° 48′	in $0^s.01$	in $0''.01$	12^h49^m	—84° 48′	in $0^s.01$	in $0''.01$	12^h49^m	—84° 49′	in $0^s.01$	in $0''.01$
1	54.49	44.63	−3	−7	1.98	49.74	−4	+3	7.05	58.56	0	+4	9.41	10.08	+7	−4
2	54.74	44.71	−5	−4	2.19	49.99	−2	+4	7.18	58.91	+3	+3	9.42	10.46	+6	−6
3	55.00	44.80	−6	−1	2.40	50.24	+1	+4	7.30	59.26	+5	+1	9.44	10.84	+4	−8
4	55.25	44.89	−5	+2	2.61	50.50	+4	+2	7.43	59.62	+6	−2	9.45 9.46	11.22 11.60	+2 −1	−8 −7
5	55.51	44.98	−3	+4	2.82	50.76	+5	0	7.54	59.98	+6	−5	9.46	11.98	−3	−5
6	55.76	45.08	−1	+5	3.02	51.03	+6	−2	7.66	60.34	+5	−6	9.46	12.35	−5	−2
7	56.02	45.19	+2	+4	3.23	51.30	+6	−5	7.77	60.70	+3	−7	9.46	12.73	−6	+1
8	56.27	45.30	+4	+2	3.42	51.58	+4	−6	7.88	61.06	+1	−7	9.45	13.11	−6	+4
9	56.53	45.42	+6	0	3.62	51.86	+2	−7	7.98	61.42	−2	−6	9.44	13.48	−5	+7
10	56.78	45.55	+6	−3	3.82	52.15	0	−6	8.08	61.79	−4	−4	9.43	13.86	−3	+9
11	57.03	45.68	+5	−5	4.01	52.43	−2	−5	8.18	62.16	−5	−1	9.41	14.23	−1	+10
12	57.28	45.82	+4	−6	4.20	52.73	−4	−2	8.27	62.53	−6	+2	9.39	14.60	+2	+9
13	57.53	45.96	+2	−7	4.38	53.02	−6	+1	8.36	62.90	−6	+6	9.36	14.97	+5	+6
14	57.78	46.11	−1	−6	4.56	53.32	−7	+4	8.45	63.27	−5	+8	9.34	15.34	+6	+2
15	58.02	46.27	−3	−4	4.74	53.62	−6	+7	8.53	63.64	−2	+10	9.30	15.71	+6	−2
16	58.27	46.43	−5	−1	4.92	53.93	−4	+10	8.61	64.01	0	+10	9.27	16.08	+4	−5
17	58.51	46.59	−7	+2	5.09	54.24	−1	+11	8.69	64.39	+3	+8	9.23	16.44	+2	−7
18	58.76	46.77	−7	+6	5.26	54.55	+2	+10	8.76	64.77	+5	+5	9.19	16.81	−1	−7
19	59.00	46.95	−5	+9	5.42	54.87	+4	+7	8.83	65.14	+6	+1	9.14	17.17	−4	−5
20	59.24	47.13	−3	+10	5.59	55.19	+6	+3	8.90	65.52	+6	−3	9.10	17.53	−6	−2
21	59.48	47.32	0	+10	5.75	55.52	+6	−1	8.96	65.90	+3	−6	9.04	17.89	−7	+1
22	59.72	47.51	+3	+9	5.91	55.84	+5	−5	9.02	66.28	0	−7	8.99	18.24	−5	+4
23	59.95	47.71	+5	+5	6.06	56.17	+2	−7	9.07	66.66	−3	−7	8.93	18.60	−3	+6
24	60.18	47.92	+6	+1	6.21	56.51	−1	−8	9.13	67.04	−5	−4	8.87	18.95	0	+5
25	60.41	48.13	+6	−4	6.36	56.84	−4	−6	9.17	67.42	−6	−1	8.80	19.30	+3	+4
26	60.64	48.34	+4	−7	6.51	57.18	−6	−4	9.22	67.80	−6	+2	8.73	19.65	+5	+1
27	60.87	48.56	+1	−8	6.65	57.52	−6	0	9.26	68.18	−4	+4	8.66	20.00	+6	−2
28	61.10	48.79	−2	−8	6.79	57.86	−5	+3	9.30	68.56	−1	+5	8.58	20.34	+6	−5
29	61.32	49.02	−5	−6	6.92	58.21	−3	+4	9.33	68.94	+2	+4	8.50	20.68	+5	−7
30	61.54	49.25	−6	−3	7.05	58.56	0	+4	9.36	69.32	+5	+2	8.42	21.02	+3	−8
31	61.76	49.49	−6	+1					9.38	69.70	+6	−1	8.33	21.35	0	−8
32	61.98	49.74	−4	+3					9.41	70.08	+7	−4				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−84° 48′ 40″	11.057	−11.012	−84° 49′ 0″	11.069	−11.024	−84° 49′ 20″	11.081	−11.036
50	11.063	−11.018	10	11.075	−11.030	30	11.087	−11.042

$\alpha_{1944.0} = 12^h\ 48^m\ 52^s.54$ $\delta_{1944.0} = -84°\ 49'\ 11''.32$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Sd) ι Octantis 5ᵐ.38

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
		—	in			—	in			—	in			—	in	
	12ʰ 49ᵐ	84° 49′	0.01 s	0.01 "	12ʰ 48ᵐ	84° 49′	0.01 s	0.01 "	12ʰ 48ᵐ	84° 49′	0.01 s	0.01 "	12ʰ 48ᵐ	84° 49′	0.01 s	0.01 "
1	8.33	21.35	0	−8	64.20	30.09	−6	+2	58.17	34.45	−4	+9	51.34	33.72	+6	+5
2	8.25	21.68	−2	−6	64.02	30.31	−6	+5	57.95	34.51	−1	+10	51.13	33.61	+7	+1
3	8.15	22.01	−4	−4	63.85	30.52	−5	+8	57.73	34.56	+2	+9	50.92	33.49	+6	−3
4	8.06	22.34	−6	0	63.67	30.73	−3	+9	57.51	34.61	+5	+6	50.71	33.37	+4	−7
5	7.96	22.66	−6	+3	63.49	30.93	0	+9	57.28	34.66	+6	+2	50.51	33.24	+1	−8
6	7.86	22.99	−6	+6	63.30	31.13	+3	+8	57.06	34.70	+7	−2	50.30	33.11	−2	−7
7	7.75	23.30	−4	+8	63.12	31.33	+5	+5	56.84	34.73	+5	−5	50.10	32.97	−5	−5
8	7.64	23.62	−1	+9	62.93	31.52	+7	+1	56.61	34.76	+3	−8	49.90	32.83	−6	−2
9	7.53	23.93	+1	+9	62.74	31.70	+6	−3	56.39	34.78	0	−8	49.70	32.68	−6	+2
10	7.41	24.24	+4	+7	62.55	31.88	+4	−6	56.16	34.80	−4	−6	49.51	32.52	−4	+4
11	7.30	24.55	+6	+3	62.36	32.06	+1	−8	55.94	34.81	−6	−3	49.31	32.36	−1	+5
12	7.18	24.85	+6	−1	62.16	32.23	−2	−7	55.72	34.81	−7	0	49.12	32.20	+2	+4
13	7.05	25.15	+5	−4	61.97	32.39	−5	−5	55.49	34.81	−5	+3	48.93	32.03	+4	+2
14	6.93	25.44	+3	−6	61.77	32.55	−6	−2	55.27	34.81	−3	+5	48.74	31.85	+6	−1
15	6.80	25.74	0	−7	61.57	32.71	−6	+2	55.05	34.79	0	+5	48.55	31.67	+7	−4
16	6.67	26.02	−3	−6	61.36	32.86	−5	+4	54.82	34.77	+3	+4	48.37	31.49	+6	−6
17	6.54	26.31	−6	−3	61.16	33.00	−2	+6	54.60	34.75	+5	+2	48.19	31.30	+4	−8
18	6.40	26.59	−7	0	60.95	33.14	+1	+5	54.38	34.72	+6	−1	48.01	31.11	+2	−8
19	6.26	26.87	−6	+3	60.75	33.27	+4	+4	54.15	34.69	+6	−4	47.84	30.91	−1	−7
20	6.12	27.14	−4	+5	60.54	33.40	+6	+1	53.93	34.65	+5	−6	47.67	30.71	−3	−5
21	5.97	27.41	−1	+6	60.33	33.52	+6	−2	53.71	34.60	+3	−8	47.50	30.50	−5	−2
22	5.82	27.68	+2	+5	60.12	33.63	+6	−5	53.49	34.55	+1	−8	47.33	30.29	−6	+1
23	5.67	27.94	+5	+2	59.91	33.75	+4	−7	53.27	34.50	−2	−6	47.17	30.08	−6	+4
24	5.52	28.20	+6	−1	59.69	33.85	+2	−8	53.05	34.43	−4	−4	47.00	29.86	−5	+8
25	5.36	28.45	+7	−4	59.48	33.95	0	−7	52.83	34.37	−6	−1	46.85	29.64	−3	+10
26	5.21	28.70	+6	−6	59.27	34.05	−3	−6	52.62	34.29	−6	+3	46.69	29.41	−1	+11
27	5.04	28.94	+4	−8	59.05	34.14	−5	−3	52.40	34.21	−6	+6	46.54	29.18	+2	+10
28	4.88	29.18	+1	−8	58.83	34.23	−6	0	52.19	34.12	−5	+9	46.39	28.94	+5	+7
29	4.71	29.41	−1	−7	58.61	34.31	−6	+4	51.97	34.03	−3	+10	46.24	28.70	+6	+3
30	4.54	29.64	−4	−5	58.39	34.38	−6	+7	51.76	33.93	0	+10	46.10	28.46	+6	−1
31	4.37	29.87	−6	−2	58.17	34.45	−4	+9	51.55	33.83	+3	+8	45.96	28.21	+5	−5
32	4.20	30.09	−6	+2					51.34	33.72	+6	+5	45.83	27.96	+2	−7

δ	sec δ	tg δ	δ	sec δ	tg δ
−84° 49′ 20″	11.081	−11.036	−84° 49′ 30″	11.087	−11.042
30	11.087	−11.042	40	11.093	−11.047

$\alpha_{1944.0} = 12^h\ 48^m\ 52^s.54$ $\delta_{1944.0} = -84°\ 49'\ 11''.32$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Sd) ι Octantis $5^m.38$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
		—	in			—	in			—	in			—	in	
	12^h48^m	84° 49′	^{s}0.01	$''$0.01	12^h48^m	84° 49′	^{s}0.01	$''$0.01	12^h48^m	84° 49′	^{s}0.01	$''$0.01	12^h48^m	84° 49′	^{s}0.01	$''$0.01
1	45.83	27.96	+2	−7	43.55	19.29	−6	−3	45.39	10.15	−3	+6	50.87	4.36	+5	+2
2	45.69	27.71	−1	−7	43.54	18.98	−7	0	45.53	9.89	+1	+6	51.09	4.24	+7	−1
3	45.57	27.45	−4	−6	*)43.54	18.67	−6	+3	45.66	9.64	+4	+4	51.33	4.14	+7	−5
4	45.44	27.19	−6	−3	43.54	18.36	−4	+5	45.80	9.39	+6	0	51.56	4.04	+5	−8
5	45.32	26.93	−7	+1	43.54	18.05	−1	+6	45.94	9.14	+7	−4	51.79	3.95	+3	−9
6	45.20	26.66	−5	+3	43.55	17.74	+2	+4	46.09	8.90	+6	−7	52.03	3.86	+1	−9
7	45.09	26.39	−3	+5	43.57	17.43	+5	+1	46.24	8.66	+5	−9	52.27	3.78	−2	−8
8	44.98	26.12	+1	+5	43.58	17.12	+7	−2	46.40	8.43	+2	−9	52.51	3.71	−4	−5
9	44.87	25.85	+4	+3	43.61	16.81	+7	−5	46.56	8.20	0	−9	52.75	3.64	−6	−1
10	44.77	25.57	+6	0	43.64	16.50	+6	−8	46.72	7.97	−3	−6	53.00	3.57	−6	+2
11	44.67	25.29	+7	−3	43.67	16.19	+4	−9	46.88	7.75	−5	−3	53.24	3.52	−6	+5
12	44.57	25.01	+6	−6	43.70	15.89	+1	−9	47.05	7.53	−6	0	53.49	3.46	−4	+8
13	44.48	24.72	+5	−8	43.75	15.59	−2	−7	47.22	7.32	−6	+3	53.74	3.42	−2	+9
14	44.39	24.43	+3	−9	43.79	15.28	−4	−5	47.40	7.11	−5	+6	53.99	3.38	+1	+9
15	44.30	24.14	0	−8	43.84	14.98	−5	−2	47.58	6.91	−3	+8	54.24	3.35	+4	+7
16	44.22	23.85	−2	−6	43.90	14.68	−6	+1	47.76	6.71	−1	+9	54.50	3.32	+6	+4
17	44.15	23.56	−4	−4	43.96	14.38	−6	+5	47.95	6.51	+2	+9	54.75	3.30	+7	+1
18	44.07	23.26	−6	−1	44.02	14.08	−5	+7	48.13	6.32	+5	+6	55.00	3.29	+6	−3
19	44.01	22.96	−6	+3	44.09	13.79	−3	+9	48.33	6.14	+6	+3	55.26	3.29	+4	−6
20	43.95	22.66	−6	+6	44.17	13.49	0	+10	48.52	5.96	+6	0	55.51	3.29	+1	−7
21	43.89	22.36	−4	+9	44.24	13.20	+3	+8	48.72	5.79	+5	−4	55.76	3.30	−2	−6
22	43.83	22.06	−2	+10	44.33	12.91	+5	+6	48.92	5.62	+3	−6	56.02	3.31	−5	−4
23	43.79	21.76	+1	+10	44.41	12.62	+6	+2	49.13	5.46	0	−7	56.27	3.33	−7	−1
24	43.74	21.45	+4	+8	44.50	12.33	+6	−1	49.34	5.30	−4	−5	56.53	3.36	−7	+3
25	43.70	21.14	+6	+5	44.60	12.05	+4	−4	49.55	5.15	−6	−2	56.79	3.39	−5	+6
26	43.66	20.83	+6	+1	44.70	11.77	+1	−6	49.76	5.00	−7	+1	57.05	3.43	−2	+7
27	43.63	20.52	+5	−3	44.81	11.49	−2	−6	49.98	4.86	−6	+4	57.31	3.48	+1	+6
28	43.61	20.22	+3	−6	44.91	11.22	−5	−4	50.20	4.73	−4	+6	57.57	3.53	+4	+4
29	43.58	19.91	0	−7	45.03	10.94	−7	−1	50.42	4.60	−1	+7	57.82	3.59	+6	0
30	43.57	19.60	−3	−6	45.15	10.68	−7	+2	50.64	4.47	+2	+5	58.08	3.66	+7	−3
31	43.55	19.29	−6	−3	45.27	10.41	−5	+5	50.87	4.36	+5	+2	58.34	3.73	+6	−6
32					45.39	10.15	−3	+6					58.60	3.80	+4	−8

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−84° 49′ 0″	11.069	−11.024	−84° 49′ 10″	11.075	−11.030	−84° 49′ 20″	11.081	−11.036
10	11.075	−11.030	20	11.081	−11.036	30	11.087	−11.042

$\alpha_{1944.0} = 12^h\ 48^m\ 52^s.54$ $\delta_{1944.0} = -84°\ 49'\ 11''.32$

*) Tag der doppelten unteren Kulmination: Okt. 3.

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Se) 20 G. Octantis $6^m.52$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		—	in			—	in			—	in			—	in	
	$14^h 58^m$	87° 55′	$0^s.01$	$0''.01$	$14^h 58^m$	87° 55′	$0^s.01$	$0''.01$	$14^h 58^m$	87° 55′	$0^s.01$	$0''.01$	$14^h 59^m$	87° 55′	$0^s.01$	$0''.01$
1	$9^s.83$	$2''.61$	−1	−9	$29^s.89$	$1''.58$	−11	0	$48^s.79$	$5''.45$	−3	+4	$4^s.87$	$13''.62$	+17	+1
2	10.42	2.49	−8	−8	30.57	1.64	−6	+3	49.39	5.66	+4	+5	5.28	13.94	+17	−2
3	11.02	2.38	−12	−5	31.24	1.70	0	+5	49.99	5.87	+10	+4	5.68	14.26	+14	−5
4	11.62	2.27	−13	−1	31.91	1.77	+6	+5	50.59	6.09	+15	+2	6.08	14.58	+10	−6
5	12.23	2.17	−10	+2	32.59	1.85	+12	+4	51.18	6.31	+16	0	6.47	14.90	+4	−7
6	12.84	2.07	−5	+4	33.26	1.93	+15	+2	51.76	6.53	+15	−3	6.85	15.22	−2	−7
7	13.46	1.98	+2	+5	33.93	2.02	+16	−1	52.34	6.76	+12	−5	7.22	15.54	−8	−5
8	14.08	1.89	+8	+5	34.61	2.11	+14	−3	52.92	6.99	+7	−6	7.58	15.87	−13	−3
9	14.71	1.81	+12	+4	35.28	2.21	+10	−5	53.49	7.23	+1	−7	7.94	16.20	−16	0
10	15.34	1.74	+15	+2	35.95	2.31	+5	−6	54.05	7.47	−5	−6	8.29	16.53	−16	+4
11	15.98	1.67	+15	−1	36.62	2.42	−1	−6	54.61	7.71	−11	−4	8.62	16.86	−14	+7
12	16.62	1.61	+13	−3	37.28	2.54	−8	−5	55.16	7.96	−15	−2	8.95	17.20	−9	+9
13	17.26	1.55	+8	−5	37.94	2.66	−13	−3	55.71	8.21	−17	+1	9.28	17.53	−2	+10
14	17.91	1.50	+2	−6	38.60	2.78	−17	0	56.25	8.47	−17	+5	9.59	17.87	+5	+9
15	18.56	1.46	−4	−6	39.26	2.91	−18	+3	56.78	8.73	−13	+8	9.89	18.21	+11	+6
16	19.21	1.42	−11	−5	39.92	3.05	−17	+7	57.31	8.99	−7	+10	10.19	18.55	+14	+2
17	19.86	1.38	−16	−2	40.58	3.19	−12	+9	57.84	9.25	0	+10	10.48	18.90	+13	−2
18	20.52	1.36	−19	+1	41.23	3.33	−4	+11	58.35	9.52	+7	+8	10.76	19.24	+9	−6
19	21.18	1.34	−18	+5	41.88	3.48	+3	+10	58.86	9.79	+12	+5	11.03	19.59	+2	−8
20	21.84	1.32	−15	+8	42.53	3.64	+10	+7	59.37	10.07	+14	+1	11.29	19.94	−6	−8
21	22.51	1.31	−8	+10	43.17	3.80	+14	+3	59.87	10.35	+12	−4	11.54	20.28	−12	−6
22	23.17	1.30	0	+10	43.81	3.97	+14	−2	60.36	10.63	+6	−7	11.79	20.63	−15	−3
23	23.84	1.31	+7	+8	44.44	4.14	+11	−6	60.84	10.92	−1	−8	12.02	20.98	−14	0
24	24.51	1.31	+13	+5	45.07	4.31	+4	−8	61.31	11.21	−8	−8	12.24	21.33	−10	+3
25	25.18	1.33	+16	+1	45.70	4.49	−3	−9	61.78	11.50	−13	−5	12.46	21.68	−3	+5
26	25.85	1.35	+14	−4	46.33	4.67	−9	−7	62.25	11.80	−14	−2	12.67	22.04	+4	+6
27	26.52	1.37	+9	−7	46.95	4.86	−13	−4	62.70	12.09	−12	+1	12.86	22.39	+11	+4
28	27.19	1.40	+2	−9	47.57	5.05	−13	−1	63.15	12.39	−6	+4	13.05	22.74	+16	+2
29	27.87	1.44	−5	−9	48.18	5.25	−9	+2	63.59	12.69	+1	+5	13.23	23.10	+18	−1
30	28.54	1.48	−10	−6	48.79	5.45	−3	+4	64.03	13.00	+8	+5	13.40	23.45	+16	−4
31	29.22	1.53	−12	−3					64.45	13.31	+14	+3	13.56	23.81	+12	−6
32	29.89	1.58	−11	0					64.87	13.62	+17	+1				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 55′ 0″	27.508	−27.490	−87° 55′ 10″	27.545	−27.527	−87° 55′ 20″	27.582	−27.563
10	27.545	−27.527	20	27.582	−27.563	30	27.618	−27.600

$\alpha_{1944.0} = 14^h\ 58^m\ 31^s.20$ $\delta_{1944.0} = -87°\ 55'\ 27''.30$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Se) 20 G. Octantis $6^{m}.52$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	$14^{h}59^{m}$	— $87°55'$	in $0^{s}.01$	in $0''.01$	$14^{h}59^{m}$	— $87°55'$	in $0^{s}.01$	in $0''.01$	$14^{h}58^{m}$	— $87°55'$	in $0^{s}.01$	in $0''.01$	$14^{h}58^{m}$	— $87°55'$	in $0^{s}.01$	in $0''.01$
1	13.56	23.81	+12	−6	13.69	34.89	−15	−2	65.30	43.35	−15	+7	50.17	48.06	+8	+9
2	13.71	24.16	+6	−7	13.54	35.22	−17	+1	64.89	43.57	−10	+9	49.62	48.13	+14	+5
3	13.85	24.52	0	−7	13.38	35.54	−16	+4	64.48	43.79	−3	+10	49.06	48.19	+15	+1
4	13.98	24.87	−6	−6	13.21	35.86	−12	+7	64.07	44.01	+5	+9	48.51	48.25	+13	−4
5	14.11	25.23	−12	−4	13.03	36.18	−6	+9	63.65	44.22	+12	+7	47.94	48.30	+8	−7
6	14.22	25.58	−15	−1	12.84	36.50	+1	+9	63.22	44.43	+15	+3	47.38	48.34	0	−8
7	14.33 14.42	25.94 26.29	−16 −14	+2 +5	12.64	36.81	+8	+8	62.78	44.63	+15	−2	46.82	48.38	−7	−8
8	14.51	26.65	−10	+8	12.43	37.12	+13	+5	62.34	44.83	+11	−6	46.25	48.41	−12	−6
9	14.59	27.01	−4	+9	12.21	37.43	+16	+1	61.89	45.02	+5	−8	45.69	48.44	−14	−2
10	14.66	27.36	+3	+9	11.98	37.73	+14	−3	61.43	45.21	−3	−9	45.12	48.46	−12	+1
11	14.71	27.72	+10	+7	11.75	38.03	+9	−6	60.97	45.40	−9	−7	44.55	48.47	−6	+4
12	14.76	28.07	+14	+4	11.50	38.33	+2	−8	60.51	45.57	−13	−4	43.99	48.48	+1	+5
13	14.80	28.42	+14	0	11.25	38.62	−6	−8	60.04	45.75	−14	−1	43.42	48.49	+8	+5
14	14.83	28.78	+11	−4	10.99	38.92	−12	−6	59.56	45.92	−10	+3	42.84	48.48	+14	+3
15	14.84	29.13	+5	−7	10.72	39.21	−15	−3	59.08	46.08	−4	+5	42.27	48.47	+17	+1
16	14.85	29.47	−2	−8	10.45	39.50	−14	+1	58.59	46.24	+2	+6	41.70	48.46	+17	−2
17	14.85	29.82	−9	−7	10.16	39.78	−9	+4	58.09	46.39	+9	+5	41.13	48.44	+14	−5
18	14.84	30.17	−14	−4	9.86	40.06	−3	+5	57.59	46.54	+14	+3	40.56	48.41	+10	−6
19	14.82	30.52	−15	−1	9.56	40.33	+5	+6	57.09	46.68	+17	0	40.00	48.38	+4	−7
20	14.79	30.86	−12	+3	9.24	40.61	+11	+4	56.58	46.82	+16	−3	39.43	48.34	−3	−7
21	14.75	31.20	−7	+5	8.92	40.87	+15	+2	56.07	46.95	+13	−5	38.87	48.30	−9	−5
22	14.71	31.55	0	+6	8.59	41.14	+17	−1	55.55	47.08	+7	−7	38.30	48.25	−14	−3
23	14.65	31.89	+8	+5	8.26	41.40	+15	−4	55.03	47.20	+1	−7	37.74	48.19	−17	0
24	14.58	32.23	+14	+3	7.91	41.66	+11	−6	54.50	47.32	−6	−7	37.18	48.13	−17	+4
25	14.50	32.57	+17	+1	7.56	41.91	+5	−7	53.97	47.43	−12	−5	36.62	48.06	−15	+7
26	14.42	32.91	+17	−2	7.21	42.16	−2	−7	53.44	47.54	−16	−2	36.06	47.99	−10	+10
27	14.32	33.24	+14	−5	6.84	42.41	−8	−6	52.90	47.64	−18	+2	35.51	47.91	−3	+11
28	14.21	33.58	+9	−7	6.46	42.65	−14	−4	52.36	47.74	−17	+5	34.95	47.83	+4	+10
29	14.09	33.91	+3	−7	6.08	42.89	−17	0	51.82	47.83	−13	+8	34.41	47.74	+11	+7
30	13.97	34.24	−4	−7	5.69	43.12	−18	+3	51.27	47.91	−7	+10	33.86	47.64	+14	+3
31	13.83	34.57	−11	−5	5.30	43.35	−15	+7	50.72	47.99	+1	+10	33.32	47.54	+14	−2
32	13.69	34.89	−15	−2					50.17	48.06	+8	+9	32.78	47.44	+9	−6

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 55′ 20″	27.582	−27.563	−87° 55′ 30″	27.618	−27.600	−87° 55′ 40″	27.655	−27.637
30	27.618	−27.600	40	27.655	−27.637	50	27.693	−27.675

$\alpha_{1944.0} = 14^{h}\ 58^{m}\ 31^{s}.20$ $\delta_{1944.0} = -87°\ 55'\ 27''.30$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Se) 20 G. Octantis $6^m.52$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
		—	in			—	in			—	in			—	in	
	$14^h 58^m$	87° 55′	$0^s.01$	$0''.01$	$14^h 58^m$	87° 55′	$0^s.01$	$0''.01$	$14^h 58^m$	87° 55′	$0^s.01$	$0''.01$	$14^h 58^m$	87° 55′	$0^s.01$	$0''.01$
1	32.78	47.44	+ 9	− 6	19.23	41.87	−10	− 7	13.69	32.86	−10	+ 4	18.88	24.04	+ 9	+ 5
2	32.25	47.32	+ 2	− 8	18.89	41.62	−15	− 5	13.69	32.55	− 2	+ 6	19.23	23.78	+16	+ 3
3	31.72	47.21	− 5	− 8	18.57	41.36	−15	− 1	13.71	32.24	+ 6	+ 6	19.59	23.53	+19	0
4	31.19	47.08	−11	− 7	18.25	41.10	−12	+ 2	13.73	31.93	+13	+ 4	19.96	23.28	+18	− 4
5	30.67	46.95	−14	− 4	17.94	40.84	− 6	+ 5	*)13.77	31.62	+18	+ 1	20.34	23.03	+14	− 7
6	30.15	46.81	−13	0	17.64	40.57	+ 2	+ 6	13.82	31.31	+19	− 2	20.73	22.79	+ 8	− 8
7	29.64	46.67	− 9	+ 3	17.36	40.30	+10	+ 5	13.89	31.00	+17	− 5	21.13	22.55	+ 1	− 9
8	29.13	46.53	− 2	+ 5	17.08	40.03	+16	+ 3	13.96	30.69	+12	− 7	21.53	22.31	− 5	− 7
9	28.63	46.38	+ 6	+ 5	16.82	39.75	+19	0	14.05	30.38	+ 6	− 8	21.95	22.08	−11	− 5
10	28.14	46.22	+12	+ 4	16.56	39.47	+18	− 4	14.14	30.07	− 1	− 8	22.38	21.85	−15	− 2
11	27.64	46.06	+17	+ 1	16.32	39.19	+15	− 6	14.25	29.77	− 7	− 6	22.81	21.63	−16	+ 1
12	27.16	45.90	+18	− 2	16.08	38.91	+ 9	− 8	14.37	29.47	−13	− 4	23.26	21.41	−15	+ 5
13	26.68	45.73	+16	− 4	15.85	38.62	+ 3	− 8	14.51	29.16	−15	− 1	23.71	21.20	−11	+ 8
14	26.20	45.55	+12	− 6	15.64	38.33	− 4	− 7	14.65	28.86	−15	+ 3	24.17	20.99	− 5	+ 9
15	25.73	45.37	+ 6	− 7	15.43	38.04	−10	− 5	14.81	28.56	−13	+ 6	24.64	20.78	+ 3	+10
16	25.27	45.18	0	− 7	15.24	37.75	−14	− 3	14.98	28.26	− 8	+ 9	25.13	20.58	+ 9	+ 8
17	24.81	44.99	− 6	− 6	15.05	37.45	−16	+ 1	15.16	27.96	− 2	+10	25.62	20.38	+13	+ 5
18	24.36	44.80	−12	− 4	14.88	37.16	−15	+ 4	15.35	27.67	+ 5	+ 9	26.11	20.19	+15	+ 1
19	23.92	44.60	−15	− 1	14.72	36.86	−13	+ 7	15.56	27.38	+11	+ 7	26.62	20.01	+13	− 3
20	23.49	44.39	−17	+ 2	14.57	36.56	− 7	+ 9	15.77	27.09	+14	+ 4	27.13	19.82	+ 7	− 6
21	23.06	44.19	−16	+ 6	14.43	36.26	− 1	+10	16.00	26.80	+14	0	27.65	19.65	0	− 8
22	22.64	43.97	−12	+ 9	14.31	35.95	+ 6	+ 9	16.24	26.51	+10	− 4	28.17	19.48	− 8	− 7
23	22.23	43.76	− 6	+10	14.19	35.65	+11	+ 6	16.49	26.22	+ 4	− 7	28.71	19.31	−14	− 5
24	21.83	43.54	+ 1	+10	14.09	35.34	+14	+ 3	16.75	25.94	− 4	− 7	29.25	19.15	−16	− 2
25	21.43	43.31	+ 8	+ 9	14.00	35.03	+12	− 2	17.02	25.66	−11	− 6	29.80	18.99	−15	+ 2
26	21.04	43.08	+13	+ 5	13.92	34.72	+ 7	− 5	17.31	25.38	−16	− 4	30.36	18.84	−10	+ 5
27	20.66	42.84	+14	+ 1	13.85	34.41	0	− 7	17.60	25.11	−17	0	30.92	18.69	− 2	+ 6
28	20.29	42.61	+11	− 4	13.80	34.10	− 7	− 7	17.91	24.83	−13	+ 3	31.49	18.55	+ 6	+ 6
29	19.92	42.36	+ 5	− 7	13.75	33.79	−14	− 5	18.22	24.57	− 7	+ 6	32.06	18.42	+13	+ 4
30	19.57	42.12	− 3	− 8	13.72	33.48	−17	− 2	18.55	24.30	+ 2	+ 7	32.64	18.29	+17	+ 1
31	19.23	41.87	−10	− 7	13.70	33.17	−15	+ 1	18.88	24.04	+ 9	+ 5	33.23	18.16	+18	− 2
32					13.69	32.86	−10	+ 4					33.82	18.05	+16	− 5

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 55′ 10″	27.545	−27.527	−87° 55′ 30″	27.618	−27.600	−87° 55′ 40″	27.655	−27.637
20	27.582	−27.563	40	27.655	−27.637	50	27.693	−27.675

$\alpha_{1944.0} = 14^h\ 58^m\ 31^s.20$ $\delta_{1944.0} = -87°\ 55'\ 27''.30$

*) Tag der doppelten unteren Kulmination: Nov. 5.

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

S†) 26 G. Octantis 6ᵐ.13

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder		Februar AR.	Februar Dekl.	Februar ☾ Glieder		März AR.	März Dekl.	März ☾ Glieder		April AR.	April Dekl.	April ☾ Glieder	
		—	in			—	in			—	in			—	in	
	16ʰ 39ᵐ	86° 15′	0ˢ.01	0″.01	16ʰ 39ᵐ	86° 15′	0ˢ.01	0″.01	16ʰ 39ᵐ	86° 15′	0ˢ.01	0″.01	16ʰ 39ᵐ	86° 15′	0ˢ.01	0″.01
	s	″			s	″			s	″			s	″		
1	14.02	57.36	+3	−9	23.79	51.97	−6	−2	35.08	51.21	−3	+4	46.83	54.93	+9	+4
2	14.27	57.12	−1	−9	24.16	51.87	−5	+2	35.48	51.26	0	+6	47.18	55.12	+10	+2
3	14.52	56.88	−4	−7	24.53	51.78	−2	+5	35.88	51.32	+4	+6	47.52	55.31	+10	−1
4	14.78	56.65	−6	−4	24.91	51.69	+1	+6	36.27	51.38	+7	+5	47.86	55.51	+8	−4
5	15.05	56.43	−6	0	25.28	51.61	+4	+6	36.67	51.44	+9	+3	48.20	55.71	+5	−6
6	15.32	56.20	−4	+3	25.66	51.53	+7	+5	37.06	51.51	+10	+1	48.54	55.92	+2	−7
7	15.59	55.99	−2	+5	26.04	51.46	+9	+3	37.46	51.59	+9	−2	48.87	56.12	−2	−7
8	15.87	55.77	+2	+6	26.42	51.39	+9	0	37.85	51.67	+7	−4	49.20	56.34	−6	−6
9	16.16	55.56	+5	+6	26.80	51.33	+8	−3	38.24	51.75	+4	−6	49.53	56.55	−9	−3
10	16.45	55.36	+7	+5	27.19	51.27	+5	−5	38.63	51.84	0	−7	49.85	56.77	−10	0
11	16.74	55.16	+8	+2	27.57	51.22	+2	−6	39.02	51.93	−4	−6	50.17	56.99	−10	+3
12	17.04	54.96	+8	−1	27.96	51.18	−2	−7	39.41	52.03	−7	−5	50.49	57.22	−9	+6
13	17.34	54.77	+7	−3	28.35	51.14	−6	−6	39.79	52.14	−10	−2	50.80	57.45	−5	+9
14	17.65	54.58	+4	−5	28.74	51.10	−9	−4	40.18	52.24	−11	+1	51.11	57.68	−1	+9
15	17.96	54.40	0	−7	29.13	51.07	−11	−1	40.56	52.36	−11	+5	51.41	57.92	+3	+8
16	18.28	54.22	−4	−7	29.53	51.05	−12	+3	40.95	52.47	−8	+8	51.72	58.16	+6	+5
17	18.60	54.04	−8	−5	29.92	51.03	−11	+6	41.33	52.59	−4	+9	52.01	58.40	+8	+1
18	18.92	53.87	−11	−3	30.31	51.01	−7	+9	41.71	52.72	0	+9	52.31	58.65	+7	−3
19	19.25	53.70	−12	+1	30.71	51.00	−3	+10	42.09	52.85	+4	+7	52.60	58.90	+4	−7
20	19.58	53.54	−12	+4	31.11	50.99	+2	+9	42.47	52.98	+7	+3	52.89	59.15	0	−9
21	19.92	53.38	−9	+7	31.50	50.99	+6	+6	42.84	53.12	+8	−1	53.17	59.41	−4	−8
22	20.25	53.23	−5	+9	31.90	51.00	+8	+1	43.22	53.26	+6	−5	53.45	59.67	−7	−6
23	20.60	53.08	0	+9	32.29	51.01	+8	−3	43.59	53.41	+3	−8	53.72	59.93	−8	−2
24	20.94	52.93	+5	+7	32.69	51.02	+6	−7	43.96	53.56	−1	−9	53.99	60.19	−7	+1
25	21.29	52.80	+8	+3	33.09	51.04	+2	−9	44.32	53.72	−4	−8	54.26	60.46	−4	+4
26	21.64	52.66	+9	−1	33.49	51.07	−2	−9	44.69	53.88	−7	−5	54.52	60.73	0	+6
27	21.99	52.53	+8	−5	33.88	51.10	−5	−7	45.05	54.04	−7	−1	54.78	61.00	+4	+7
28	22.34	52.41	+5	−8	34.28	51.13	−6	−3	45.41	54.21	−5	+3	55.03	61.27	+8	+5
29	22.70	52.29	+1	−9	34.68	51.17	−6	+1	45.77	54.38	−2	+5	55.28	61.55	+10	+3
30	23.06	52.18	−3	−8	35.08	51.21	−3	+4	46.13	54.56	+2	+6	55.52	61.83	+10	0
31	23.43	52.07	−5	−5					46.48	54.74	+6	+6	55.76	62.11	+9	−3
32	23.79	51.97	−6	−2					46.83	54.93	+9	+4				

δ	sec δ	tg δ	δ	sec δ	tg δ
−86° 15′ 50″	15.347	−15.314	−86° 16′ 0″	15.358	−15.325
60	15.358	−15.325	10	15.369	−15.337

$\alpha_{1944.0} = 16^h\ 39^m\ 35^s.99$ $\delta_{1944.0} = -86°\ 16'\ 14''.87$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

S f) 26 G. Octantis $6^m_.13$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder	
	$16^h 39^m$	−86° 16′	in $0^s_.01$	in $0''_.01$	$16^h 40^m$	−86° 16′	in $0^s_.01$	in $0''_.01$
1	55.76	2.11	+ 9	−3	0.79 0.86	11.72 12.05	− 3 − 7	−7 −5
2	56.00	2.40	+ 7	−5	0.93	12.38	−10	−3
3	56.23	2.69	+ 3	−7	1.00	12.70	−11	+1
4	56.45	2.98	− 1	−7	1.06	13.03	−10	+4
5	56.68	3.27	− 5	−6	1.11	13.36	− 8	+7
6	56.89	3.56	− 8	−4	1.16	13.68	− 4	+9
7	57.11	3.85	−10	−1	1.20	14.01	+ 1	+9
8	57.32	4.15	−10	+2	1.24	14.34	+ 5	+7
9	57.52	4.45	− 9	+5	1.27	14.66	+ 8	+4
10	57.72	4.75	− 6	+8	1.30	14.99	+ 9	0
11	57.91	5.06	− 2	+9	1.32	15.31	+ 8	−4
12	58.10	5.37	+ 2	+9	1.33	15.63	+ 4	−7
13	58.29	5.67	+ 6	+6	1.34	15.96	0	−9
14	58.46	5.98	+ 8	+2	1.35	16.28	− 4	−8
15	58.64	6.29	+ 8	−2	1.34	16.59	− 7	−5
16	58.81	6.60	+ 6	−5	1.33	16.91	− 8	−2
17	58.97	6.91	+ 2	−8	1.32	17.23	− 7	+2
18	59.13	7.23	− 2	−8	1.30	17.55	− 4	+5
19	59.28	7.54	− 5	−7	1.28	17.87	0	+6
20	59.43	7.86	− 8	−4	1.25	18.19	+ 4	+6
21	59.57	8.17	− 8	0	1.21	18.50	+ 7	+5
22	59.71	8.49	− 6	+3	1.17	18.81	+ 9	+3
23	59.84	8.81	− 2	+6	1.12	19.12	+10	0
24	59.96	9.13	+ 2	+7	1.07	19.43	+ 9	−3
25	60.09	9.45	+ 6	+6	1.61	19.74	+ 6	−6
26	60.20	9.78	+ 9	+4	0.94	20.05	+ 2	−7
27	60.31	10.10	+10	+1	0.87	20.35	− 2	−7
28	60.42	10.42	+10	−2	0.79	20.65	− 6	−6
29	60.52	10.74	+ 8	−4	0.71	20.96	− 9	−4
30	60.61	11.07	+ 5	−6	0.62	21.25	−11	−1
31	60.70	11.40	+ 1	−7	0.53	21.55	−11	+3
32	60.79 60.86	11.72 12.05	− 3 − 7	−7 −5				

Tag	Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	$16^h 39^m$	−86° 16′	in $0^s_.01$	in $0''_.01$	$16^h 39^m$	−86° 16′	in $0^s_.01$	in $0''_.01$
1	60.53	21.55	−11	+ 3	55.18	29.22	+ 1	+10
2	60.43	21.84	− 9	+ 6	54.94	29.41	+ 5	+ 8
3	60.33	22.13	− 6	+ 9	54.69	29.59	+ 8	+ 4
4	60.22	22.42	− 2	+10	54.44	29.77	+ 9	− 1
5	60.11	22.71	+ 3	+ 9	54.19	29.94	+ 7	− 5
6	59.99	22.99	+ 7	+ 6	53.93	30.11	+ 4	− 8
7	59.87	23.27	+ 9	+ 1	53.67	30.27	0	− 9
8	59.74	23.55	+ 9	− 3	53.40	30.43	− 4	− 8
9	59.60	23.82	+ 6	− 7	53.13	30.58	− 6	− 5
10	59.46	24.09	+ 2	− 9	52.86	30.73	− 7	− 1
11	59.32	24.36	− 2	− 9	52.59	30.87	− 5	+ 3
12	59.17	24.63	− 5	− 7	52.31	31.01	− 2	+ 5
13	59.01	24.89	− 7	− 3	52.03	31.14	+ 2	+ 6
14	58.85	25.15	− 7	+ 1	51.75	31.27	+ 6	+ 6
15	58.69	25.41	− 5	+ 4	51.47	31.39	+ 9	+ 4
16	58.52	25.67	− 1	+ 6	51.18	31.51	+10	+ 2
17	58.34	25.92	+ 3	+ 7	50.89	31.62	+10	− 1
18	58.16	26.17	+ 6	+ 6	50.60	31.73	+ 8	− 4
19	57.97	26.41	+ 9	+ 4	50.30	31.83	+ 5	− 6
20	57.79	26.65	+10	+ 1	50.01	31.92	+ 2	− 7
21	57.59	26.89	+ 9	− 2	49.71	32.01	− 2	− 7
22	57.39	27.12	+ 7	− 5	49.41	32.10	− 6	− 6
23	57.19	27.35	+ 4	− 6	49.11	32.17	− 9	− 3
24	56.99	27.57	0	− 7	48.80	32.25	−11	0
25	56.77	27.80	− 4	− 7	48.50	32.31	−12	+ 4
26	56.56	28.01	− 8	− 5	48.19	32.37	−10	+ 7
27	56.34	28.23	−11	− 2	47.88	32.43	− 7	+10
28	56.11	28.44	−12	+ 1	47.57	32.48	− 2	+10
29	55.89	28.64	−11	+ 5	47.26	32.52	+ 2	+ 9
30	55.65	28.84	− 8	+ 8	46.95	32.56	+ 6	+ 6
31	55.42	29.03	− 4	+10	46.64	32.59	+ 8	+ 1
32	55.18	29.22	+ 1	+10	46.33	32.62	+ 8	− 3

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−86° 16′ 0″	15.358	−15.325	−86° 16′ 10″	15.369	−15.337	−86° 16′ 30″	15.392	−15.360
10	15.369	−15.337	20	15.381	−15.348	40	15.404	−15.371

$\alpha_{1944.0} = 16^h\ 39^m\ 35^s_.99$ $\delta_{1944.0} = -86°\ 16'\ 14''_.87$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Sf) 26 G. Octantis $6^m_.13$

Tag	September AR. $16^h 39^m$	September Dekl. $-86° 16'$	September ☾ Glieder in $0^s_.01$	September ☾ Glieder in $0''_.01$	Oktober AR. $16^h 39^m$	Oktober Dekl. $-86° 16'$	Oktober ☾ Glieder in $0^s_.01$	Oktober ☾ Glieder in $0''_.01$
1	46.33	32.62	+ 8	− 3	37.15	30.74	− 2	− 9
2	46.01	32.64	+ 5	− 7	36.87	30.59	− 6	− 7
3	45.69	32.66	+ 1	− 9	36.60	30.43	− 8	− 4
4	45.38	32.67	− 3	− 9	36.33	30.27	− 8	0
5	45.06	32.67	− 6	− 6	36.06	30.11	− 5	+ 3
6	44.74	32.67	− 7	− 3	35.79	29.94	− 1	+ 6
7	44.43	32.66	− 6	+ 1	35.53	29.76	+ 3	+ 7
8	44.11	32.65	− 3	+ 4	35.27	29.58	+ 7	+ 6
9	43.80	32.63	+ 1	+ 6	35.02	29.39	+10	+ 4
10	43.48	32.60	+ 5	+ 6	34.77	29.20	+11	0
11	43.17	32.57	+ 8	+ 5	34.53	29.01	+11	− 3
12	42.85	32.54	+10	+ 2	34.29	28.81	+ 8	− 5
13	42.54	32.49	+11	− 1	34.05	28.61	+ 5	− 7
14	42.22	32.44	+ 9	− 4	33.82	28.40	+ 1	− 8
15	41.91	32.39	+ 7	− 6	33.59	28.19	− 3	− 7
16	41.60	32.33	+ 4	− 7	33.37	27.97	− 6	− 5
17	41.29	32.27	0	− 7	33.15	27.75	− 9	− 3
18	40.98	32.19	− 4	− 6	32.93	27.53	−10	+ 1
19	40.67	32.12	− 8	− 4	32.72	27.30	−10	+ 4
20	40.37	32.03	−10	− 1	32.52	27.07	− 8	+ 7
21	40.06	31.94	−11	+ 2	32.32	26.83	− 5	+ 9
22	39.76	31.85	−10	+ 6	32.13	26.59	− 1	+10
23	39.46	31.75	− 8	+ 8	31.94	26.34	+ 3	+ 8
24	39.17	31.64	− 4	+10	31.76	26.09	+ 6	+ 5
25	38.87	31.53	0	+10	31.58	25.84	+ 7	+ 1
26	38.58	31.41	+ 4	+ 7	31.41	25.58	+ 6	− 3
27	38.29	31.29	+ 7	+ 3	31.24	25.32	+ 3	− 7
28	38.00	31.16	+ 7	− 1	31.08	25.06	− 1	− 9
29	37.71	31.02	+ 6	− 5	30.92	24.79	− 5	− 8
30	37.43	30.88	+ 2	− 8	30.77	24.52	− 8	− 6
31	37.15	30.74	− 2	− 9	30.63	24.25	− 9	− 2
32					30.49	23.98	− 7	+ 2

Tag	November AR. $16^h 39^m$	November Dekl. $-86° 16'$	November ☾ Glieder in $0^s_.01$	November ☾ Glieder in $0''_.01$	Dezember AR. $16^h 39^m$	Dezember Dekl. $-86° 16'$	Dezember ☾ Glieder in $0^s_.01$	Dezember ☾ Glieder in $0''_.01$
1	30.49	23.98	− 7	+ 2	*)29.34	14.98	+ 3	+ 7
2	30.36	23.70	− 4	+ 5	29.41	14.67	+ 7	+ 6
3	30.23	23.42	0	+ 7	29.48	14.37	+10	+ 4
4	30.11	23.14	+ 5	+ 7	29.56	14.06	+11	0
5	29.99	22.85	+ 9	+ 5	29.64	13.75	+11	− 3
6	29.89	22.57	+11	+ 2	29.74	13.45	+ 8	− 6
7	29.78	22.28	+11	− 2	29.84	13.15	+ 5	− 8
8	29.69	21.99	+10	− 5	29.94	12.85	+ 1	− 8
9	29.60	21.69	+ 7	− 7	30.05	12.55	− 4	− 7
10	29.52	21.40	+ 3	− 8	30.17	12.25	− 7	− 5
11	29.44	21.10	− 1	− 8	30.29	11.95	− 9	− 2
12	29.38	20.80	− 5	− 6	30.43	11.66	−10	+ 2
13	29.31	20.50	− 8	− 4	30.57	11.37	− 9	+ 5
14	29.26	20.20	−10	− 1	30.71	11.08	− 7	+ 8
15	29.21	19.90	−10	+ 3	30.86	10.79	− 3	+ 9
16	29.17	19.59	− 9	+ 6	31.02	10.51	+ 1	+ 9
17	29.13	19.29	− 6	+ 8	31.19	10.22	+ 5	+ 7
18	29.10	18.99	− 2	+10	31.36	9.94	+ 8	+ 4
19	29.08	18.68	+ 2	+ 9	31.53	9.67	+ 8	0
20	29.07	18.37	+ 6	+ 6	31.71	9.39	+ 7	− 4
21	29.06	18.06	+ 8	+ 2	31.90	9.12	+ 3	− 7
22	29.05	17.75	+ 7	− 2	32.09	8.85	− 1	− 9
23	29.06	17.44	+ 5	− 6	32.29	8.58	− 5	− 8
24	29.07	17.13	+ 1	− 8	32.50	8.32	− 8	− 5
25	29.09	16.82	− 3	− 8	32.71	8.06	− 9	− 1
26	29.11	16.51	− 7	− 7	32.93	7.80	− 7	+ 3
27	29.15	16.21	− 9	− 3	33.16	7.55	− 4	+ 6
28	29.19	15.90	− 9	+ 1	33.39	7.29	0	+ 7
29	29.23	15.59	− 6	+ 4	33.62	7.05	+ 5	+ 7
30	29.28	15.28	− 2	+ 7	33.86	6.80	+ 9	+ 5
31	*)29.34	14.98	+ 3	+ 7	34.11	6.56	+11	+ 2
32					34.36	6.32	+11	− 2

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−86° 16′ 0″	15.358	−15.325	−86° 16′ 10″	15.369	−15.337	−86° 16′ 30″	15.392	−15.360
10	15.369	−15.337	20	15.381	−15.348	40	15.404	−15.371

$\alpha_{1944.0} = 16^h\ 39^m\ 35^s_.99$ $\delta_{1944.0} = -86°\ 16'\ 14''_.87$

*) Tag der doppelten unteren Kulmination: Dez. 1.

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Sg) χ Octantis 5ᵐ.22

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder		Februar AR.	Februar Dekl.	Februar ☾ Glieder		März AR.	März Dekl.	März ☾ Glieder		April AR.	April Dekl.	April ☾ Glieder	
	18^h21^m	−87° 39′	in 0.01 s	in 0.01 ″	18^h21^m	−87° 39′	in 0.01 s	in 0.01 ″	18^h21^m	−87° 38′	in 0.01 s	in 0.01 ″	18^h22^m	−87° 38′	in 0.01 s	in 0.01 ″
	s	″			s	″			s	″			s	″		
1	30.97	14.82	+11	−7	40.90	5.91	− 7	−4	56.36	60.52	− 7	+3	15.73	59.01	+ 9	+7
2	31.15	14.51	+ 5	−8	41.36	5.67	− 8	0	56.96	60.40	− 4	+5	16.36	59.03	+13	+5
3	31.34	14.19	− 1	−8	41.82	5.43	− 6	+4	57.56	60.28	+ 1	+7	16.98	59.06	+15	+2
4	31.55	13.87	− 6	−6	42.28	5.20	− 2	+6	58.16	60.17	+ 6	+7	17.61	59.10	+14	−1
5	31.76	13.56	− 9	−2	42.75	4.97	+ 2	+7	58.77	60.07	+11	+6	18.23	59.14	+11	−4
6	31.98	13.25	− 9	+2	43.23	4.74	+ 7	+7	59.38	59.96	+13	+4	18.86	59.19	+ 7	−6
7	32.21	12.94	− 6	+5	43.72	4.52	+10	+6	59.99	59.87	+13	+1	19.48	59.24	+ 1	−7
8	32.45	12.63	− 2	+7	44.21	4.30	+12	+3	60.61	59.78	+12	−2	20.10	59.30	− 5	−7
9	32.70	12.32	+ 3	+7	44.71	4.08	+12	0	61.23	59.69	+ 9	−4	20.72	59.36	−10	−6
10	32.96	12.01	+ 7	+7	45.22	3.87	+11	−3	61.85	59.61	+ 4	−6	21.34	59.43	−15	−4
11	33.23	11.71	+10	+5	45.73	3.66	+ 7	−5	62.47	59.53	− 1	−7	21.95	59.50	−17	−1
12	33.51	11.41	+12	+2	46.24	3.46	+ 2	−7	63.10	59.46	− 7	−7	22.56	59.57	−17	+3
13	33.79	11.11	+12	−1	46.76	3.26	− 4	−8	63.73	59.39	−13	−6	23.17	59.65	−13	+6
14	34.09	10.81	+ 9	−4	47.29	3.06	−10	−7	64.35	59.32	−17	−3	23.78	59.74	− 8	+8
15	34.40	10.52	+ 5	−6	47.82	2.87	−16	−5	64.98	59.27	−18	+1	24.38	59.82	− 1	+8
16	34.71	10.22	− 1	−8	48.36	2.68	−19	−2	65.61	59.21	−17	+4	24.98	59.92	+ 6	+7
17	35.03	9.93	− 7	−8	48.90	2.50	−19	+2	66.24	59.16	−12	+7	25.58	60.01	+10	+3
18	35.37	9.64	−13	−6	49.45	2.32	−16	+6	66.87	59.12	− 6	+9	26.18	60.11	+12	−1
19	35.71	9.36	−17	−4	50.00	2.15	−10	+8	67.51	59.08	+ 1	+8	26.77	60.22	+10	−5
20	36.06	9.07	−19	0	50.56	1.98	− 2	+9	68.14	59.05	+ 8	+6	27.36	60.33	+ 6	−8
21	36.42	8.79	−18	+4	51.12	1.82	+ 5	+7	68.77	59.02	+12	+2	27.95	60.45	0	−9
22	36.79	8.51	−13	+7	51.68	1.65	+11	+4	69.41	58.99	+12	−2	28.53	60.57	− 5	−8
23	37.16	8.24	− 5	+9	52.25	1.50	+14	0	70.04	58.97	+10	−6	29.11	60.69	− 9	−5
24	37.54	7.97	+ 3	+8	52.83	1.35	+13	−4	70.68	58.96	+ 4	−8	29.68	60.82	−10	−1
25	37.94	7.70	+10	+6	53.40	1.20	+ 9	−8	71.31	58.95	− 1	−9	30.25	60.95	− 9	+3
26	38.34	7.44	+14	+2	53.99	1.05	+ 3	−9	71.94	58.94	− 6	−7	30.81	61.09	− 4	+6
27	38.74	7.17	+15	−2	54.57	0.92	− 2	−8	72.57	58.94	− 9	−3	31.37	61.23	+ 1	+8
28	39.16	6.91	+12	−6	55.16	0.78	− 7	−5	73.21	58.95	− 9	+1	31.93	61.38	+ 7	+8
29	39.59	6.65	+ 7	−8	55.76	0.65	− 8	−1	73.84	58.96	− 6	+5	32.48	61.53	+12	+6
30	40.02	6.40	+ 1	−8	56.36	0.52	− 7	+3	74.47	58.97	− 1	+7	33.03	61.68	+14	+4
31	40.46	6.15	− 4	−7					75.10	58.99	+ 5	+8	33.57	61.84	+15	+1
32	40.90	5.91	− 7	−4					75.73	59.01	+ 9	+7				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 38′ 50″	24.359	−24.339	−87° 39′ 0″	24.388	−24.368	−87° 39′ 10″	24.417	−24.396
60	24.388	−24.368	10	24.417	−24.396	20	24.446	−24.425

$\alpha_{1944.0} = 18^h\ 22^m\ 14^s.54$ $\delta_{1944.0} = -87°\ 39'\ 21''.74$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Sg) χ Octantis $5^m.22$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder	Juni AR.	Juni Dekl.	Juni ☾ Glieder	Juli AR.	Juli Dekl.	Juli ☾ Glieder	August AR.	August Dekl.	August ☾ Glieder
	$18^h 22^m$	$-87° 39'$	in $0.^s01$ | $0.''01$	$18^h 22^m$	$-87° 39'$	in $0.^s01$ | $0.''01$	$18^h 22^m$	$-87° 39'$	in $0.^s01$ | $0.''01$	$18^h 22^m$	$-87° 39'$	in $0.^s01$ | $0.''01$
1	33.57	1.84	+15 +1	47.56	8.59	0 −8	54.19	17.78	−18 −1	51.99	27.16	−5 +9
2	34.11	2.00	+13 −3	47.90	8.86	−6 −8	54.26	18.09	−18 +3	51.78	27.43	+2 +9
3	34.65	2.17	+9 −5	48.23	9.13	−12 −6	54.32	18.40	−14 +6	51.55	27.71	+9 +6
4	35.17	2.34	+4 −7	48.55	9.40	−16 −3	54.37	18.72	−8 +8	51.32	27.98	+13 +2
5	35.70	2.52	−2 −7	48.87	9.68	−17 +1	54.41	19.03	−1 +9	51.08	28.25	+14 −2
6	36.22	2.70	−8 −7	49.18	9.95	−16 +4	54.45	19.35	+6 +8	50.83	28.51	+11 −6
7	36.73	2.88	−13 −5	49.48	10.24	−11 +7	54.47	19.66	+12 +4	50.57	28.77	+6 −9
8	37.24	3.07	−16 −2	49.78	10.52	−5 +9	54.48	19.97	+14 0	50.30	29.03	0 −9
9	37.74	3.26	−16 +2	50.06	10.80	+2 +9	54.48	20.29	+13 −4	50.02	29.29	−6 −7
10	38.24	3.45	−14 +5	50.34	11.09	+9 +7	54.48	20.60	+9 −7	49.74	29.54	−9 −3
11	38.73	3.65	−9 +8	50.61	11.38	+13 +3	54.46	20.91	+3 −9	49.45	29.79	−9 +1
12	39.21	3.85	−3 +9	50.87	11.67	+14 −2	54.44	21.22	−3 −8	49.15	30.03	−6 +4
13	39.69	4.06	+4 +8	51.12	11.96	+11 −5	54.41	21.53	−8 −5	48.84	30.28	−1 +7
14	40.17	4.27	+10 +5	51.36	12.26	+6 −8	54.36	21.84	−10 −2	48.53	30.51	+4 +8
15	40.64	4.48	+12 +1	51.60	12.55	0 −9	54.31	22.15	−9 +2	48.21	30.75	+9 +7
16	41.10	4.69	+12 −3	51.82	12.85	−6 −7	54.25	22.45	−6 +5	47.88	30.98	+13 +5
17	41.56	4.91	+8 −7	52.04	13.15	−10 −4	54.18	22.76	0 +7	47.54	31.21	+15 +2
18	42.01	5.13	+3 −9	52.25	13.45	−11 0	54.10	23.07	+5 +8	47.20	31.43	+14 −1
19	42.45	5.36	−3 −9	52.45	13.75	−9 +3	54.01	23.37	+10 +6	46.85	31.65	+11 −4
20	42.88	5.59	−8 −6	52.64	14.06	−4 +6	53.91	23.67	+13 +4	46.49	31.87	+7 −6
21	43.31	5.83	−11 −3	52.82	14.36	+1 +8	53.80	23.97	+14 +1	46.13	32.08	+1 −7
22	43.73	6.06	−10 +1	52.99	14.67	+7 +7	53.68	24.27	+13 −2	45.76	32.29	−5 −8
23	44.15	6.30	−7 +5	53.15	14.98	+11 +6	53.55	24.57	+10 −5	45.38	32.49	−11 −7
24	44.55	6.55	−2 +7	53.30	15.28	+14 +3	53.41	24.87	+5 −7	45.00	32.69	−16 −4
25	44.95	6.79	+4 +8	53.44	15.59	+14 0	53.27	25.16	−2 −8	44.61	32.88	−19 −1
26	45.35	7.04	+9 +7	53.58	15.91	+12 −3	53.11	25.45	−8 −7	44.21	33.07	−18 +3
27	45.74	7.29	+13 +5	{53.70 / 53.82	16.22 / 16.53	+8 −6 / +2 −7}	52.95	25.74	−14 −6	43.80	33.26	−15 +7
28	46.12	7.54	+15 +2	53.93	16.84	−4 −8	52.78	26.03	−18 −3	43.39	33.44	−9 +9
29	46.49	7.80	+14 −1	54.02	17.15	−10 −7	52.59	26.32	−19 +1	42.98	33.61	−2 +9
30	46.85	8.06	+11 −4	54.11	17.47	−15 −4	52.40	26.60	−17 +5	42.56	33.78	+5 +7
31	47.21	8.32	+6 −6	54.19	17.78	−18 −1	52.20	26.88	−12 +8	42.13	33.95	+10 +4
32	47.56	8.59	0 −8				51.99	27.16	−5 +9	41.70	34.11	+13 −1

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 39′ 0″	24.388	−24.368	−87° 39′ 10″	24.417	−24.396	−87° 39′ 30″	24.475	24.454
10	24.417	−24.396	20	24.446	−24.425	40	24.504	−24.483

$\alpha_{1944.0} = 18^h\ 22^m\ 14.^s54$ $\delta_{1944.0} = -87°\ 39'\ 21.''74$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Sg) χ Octantis $5^{m}_{.}22$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
	$18^h 22^m$	$-87° 39'$	in $0^s.01$	in $0''.01$	$18^h 22^m$	$-87° 39'$	in $0^s.01$	in $0''.01$	$18^h 22^m$	$-87° 39'$	in $0^s.01$	in $0''.01$	$18^h 22^m$	$-87° 39'$	in $0^s.01$	in $0''.01$
	s	"			s	"			s	"			s	"		
1	41.70	34.11	+13	−1	27.16	36.36	+ 3	−9	12.67	33.12	−12	0	4.37	25.54	− 1	+8
2	41.27	34.26	+12	−5	26.66	36.34	− 3	−9	12.27	32.93	− 9	+4	4.24	25.23	+ 6	+8
3	40.83	34.41	+ 7	−8	26.15	36.32	− 8	−6	11.88	32.73	− 4	+7	4.11	24.93	+12	+7
4	40.38	34.56	+ 1	−9	25.65	36.29	−10	−3	11.50	32.53	+ 3	+8	4.00	24.62	+16	+4
5	39.93	34.70	− 4	−8	25.14	36.26	− 9	+1	11.13	32.32	+10	+8	3.90	24.31	+17	+1
6	39.47	34.84	− 8	−5	24.64	36.22	− 6	+5	10.76	32.11	+15	+6	3.80	24.00	+15	−3
7	39.01	34.97	−10	−1	24.14	36.17	0	+7	10.41	31.89	+17	+3	3.72	23.69	+11	−6
8	38.55	35.09	− 7	+3	23.64	36.12	+ 7	+8	10.06	31.67	+17	−1	3.65	23.37	+ 6	−7
9	38.08	35.21	− 3	+6	23.14	36.06	+12	+7	9.72	31.44	+14	−4	3.59	23.06	− 1	−8
10	37.61	35.32	+ 3	+8	22.65	36.00	+16	+5	9.38	31.21	+ 9	−6	3.54	22.74	− 7	−7
11	37.13	35.43	+ 9	+8	22.15	35.93	+17	+1	9.06	30.98	+ 3	−8	3.50	22.43	−12	−5
12	36.66	35.53	+13	+6	21.66	35.85	+15	−2	8.74	30.74	− 3	−8	3.47	22.11	−16	−2
13	36.17	35.63	+15	+3	21.17	35.77	+11	−5	8.42	30.50	− 9	−7	3.46	21.79	−17	+1
14	35.69	35.72	+15	0	20.69	35.68	+ 7	−7	8.12	30.25	−13	−4	3.45	21.47	−15	+5
15	35.20	35.80	+13	−3	20.20	35.59	+ 1	−7	7.83	30.00	−16	−1	3.45	21.15	−10	+8
16	34.71	35.88	+ 9	−5	19.72	35.49	− 5	−7	7.54	29.74	−16	+3	3.46	20.83	− 4	+9
17	34.22	35.95	+ 4	−7	19.24	35.39	−11	−6	7.26	29.49	−14	+6	3.49	20.50	+ 2	+8
18	33.72	36.02	− 2	−8	18.77	35.27	−15	−3	6.99	29.22	− 9	+8	3.52	20.18	+ 8	+6
19	33.23	36.08	− 8	−7	18.30	35.16	−17	0	6.74	28.96	− 3	+9	3.57	19.86	+12	+2
20	32.73	36.14	−13	−5	17.84	35.03	−16	+4	6.49	28.69	+ 4	+8	3.62	19.54	+12	−2
21	32.23	36.19	−17	−2	17.38	34.90	−13	+7	6.25	28.42	+ 9	+5	3.69	19.21	+10	−6
22	31.73	36.23	−18	+2	16.93	34.77	− 7	+9	6.02	28.14	+11	+1	3.76	18.89	+ 4	−8
23	31.22	36.27	−16	+5	16.48	34.63	− 1	+9	5.79	27.86	+11	−4	3.85	18.56	− 2	−9
24	30.72	36.30	−12	+8	16.03	34.48	+ 5	+7	5.58	27.58	+ 7	−7	3.95	18.24	− 8	−7
25	30.21	36.33	− 6	+9	15.59	34.33	+10	+3	5.38	27.30	+ 1	−9	4.06	17.92	−12	−4
26	29.70	36.35	+ 1	+8	15.15	34.17	+11	−1	5.18	27.01	− 5	−9	4.18	17.59	−12	0
27	29.19	36.36	+ 8	+6	14.72	34.01	+ 9	−5	5.00	26.72	−10	−6	*)4.31	17.27	− 9	+4
28	28.69	36.37	+11	+2	14.30	33.84	+ 4	−8	4.83	26.43	−13	−3	4.45	16.95	− 4	+7
29	28.18	36.37	+11	−3	13.88	33.67	− 2	−9	4.67	26.13	−11	+2	4.60	16.63	+ 3	+8
30	27.67	36.37	+ 8	−7	13.47	33.49	− 7	−8	4.51	25.84	− 7	+6	4.76	16.31	+ 9	+8
31	27.16	36.36	+ 3	−9	13.07	33.31	−11	−5	4.37	25.54	− 1	+8	4.93	15.99	+14	+5
32					12.67	33.12	−12	0					5.11	15.67	+16	+2

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 39′ 10″	24.417	−24.396	−87° 39′ 20″	24.446	−24.425	−87° 39′ 30″	24.475	−24.454
20	24.446	−24.425	30	24.475	−24.454	40	24.504	−24.483

$\alpha_{1944.0} = 18^h\ 22^m\ 14^s.54$ $\delta_{1944.0} = -87°\ 39'\ 21''.74$

*) Tag der doppelten unteren Kulmination: Dez. 27.

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Sh) σ Octantis $5^m_.48$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		—	in			—	in			—	in			—	in	
	$20^h 5^m$	89° 9′	$0^s_.01$	$0''_.01$	$20^h 5^m$	89° 9′	$0^s_.01$	$0''_.01$	$20^h 5^m$	89° 9′	$0^s_.01$	$0''_.01$	$20^h 6^m$	89° 9′	$0^s_.01$	$0''_.01$
1	$9^s_.95$	$28''_.94$	+39	−4	$16^s_.44$	$18''_.22$	−11	−5	$43^s_.96$	$9''_.22$	−22	+1	$28^s_.94$	$2''_.66$	+ 9	+9
2	9.74	28.60	+27	−6	17.07	17.88	−20	−2	45.21	8.95	−19	+4	30.55	2.52	+21	+8
3	9.57	28.26	+11	−7	17.73	17.55	−22	+2	46.47	8.68	−11	+7	32.17	2.38	+31	+6
4	9.42	27.92	− 4	−6	18.41	17.21	−18	+5	47.75	8.42	+ 1	+8	33.80	2.25	+35	+3
5	9.30	27.58	−16	−4	19.12	16.87	− 8	+7	49.04	8.16	+13	+8	35.43	2.12	+33	−1
6	9.21	27.24	−23	−1	19.85	16.54	+ 3	+8	50.35	7.90	+23	+7	37.07	2.00	+27	−4
7	9.14	26.89	−23	+3	20.61	16.21	+14	+7	51.68	7.65	+30	+4	38.71	1.88	+16	−6
8	9.11	26.55	−17	+6	21.39	15.88	+23	+6	53.02	7.40	+33	+1	40.36	1.76	+ 3	−8
9	9.10	26.20	− 7	+7	22.19	15.55	+29	+3	54.38	7.16	+30	−2	42.01	1.65	−13	−8
10	9.12	25.86	+ 4	+8	23.02	15.22	+30	0	55.75	6.92	+23	−5	43.66	1.55	−28	−7
11	9.17	25.51	+16	+7	23.86	14.90	+27	−3	57.14	6.68	+11	−7	45.32	1.45	−40	−5
12	9.24	25.16	+24	+5	24.73	14.57	+18	−6	58.54	6.45	− 4	−8	46.98	1.35	−46	−1
13	9.34	24.82	+29	+2	25.63	14.25	+ 5	−8	59.95	6.22	−20	−8	48.64	1.26	−42	+3
14	9.47	24.47	+29	−1	26.54	13.93	−12	−9	61.38	5.99	−35	−7	50.31	1.17	−34	+6
15	9.63	24.12	+23	−4	27.48	13.61	−28	−8	62.82	5.77	−46	−4	51.98	1.09	−18	+7
16	9.81	23.77	+12	−7	28.44	13.30	−42	−6	64.27	5.55	−49	0	53.65	1.02	+ 1	+7
17	10.03	23.42	− 3	−9	29.42	12.99	−50	−2	65.74	5.34	−43	+4	55.33	0.95	+19	+6
18	10.27	23.07	−20	−9	30.42	12.68	−49	+2	67.21	5.13	−30	+7	57.00	0.88	+31	+2
19	10.53	22.72	−35	−7	31.44	12.38	−39	+5	68.70	4.93	−12	+8	58.68	0.82	+35	−2
20	10.83	22.37	−46	−4	32.48	12.08	−22	+7	70.20	4.73	+ 8	+7	60.36	0.77	+30	−6
21	11.15	22.02	−50	−1	33.54	11.78	− 1	+8	71.71	4.53	+26	+4	62.04	0.72	+18	−8
22	11.50	21.67	−44	+3	34.63	11.48	+19	+6	73.23	4.34	+35	+1	63.71	0.67	+ 2	−8
23	*)11.88	21.33	−30	+7	35.73	11.19	+34	+3	74.76	4.15	+36	−3	65.39	0.63	−13	−6
24	12.28	20.98	−10	+8	36.85	10.90	+40	−1	76.30	3.97	+28	−7	67.07	0.59	−23	−3
25	12.71	20.63	+12	+8	37.99	10.61	+36	−5	77.85	3.79	+14	−8	68.74	0.56	−26	+1
26	13.16	20.29	+30	+5	39.15	10.32	+25	−7	79.41	3.62	− 2	−7	70.42	0.53	−22	+4
27	13.64	19.94	+41	+2	40.32	10.04	+ 9	−8	80.98	3.45	−16	−5	72.09	0.51	−12	+7
28	14.15	19.60	+41	−2	41.52	9.76	− 7	−6	82.55	3.28	−23	−1	73.75	0.49	+ 3	+9
29	14.68	19.25	+33	−5	42.73	9.49	−18	−3	84.14	3.12	−23	+3	75.42	0.48	+17	+8
30	15.24	18.91	+19	−7	43.96	9.22	−22	+1	85.73	2.96	−16	+6	77.08	0.48	+28	+7
31	15.83	18.57	+ 3	−7					87.33	2.81	− 4	+8	78.74	0.48	+35	+4
32	16.44	18.22	−11	−5					88.94	2.66	+ 9	+9				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−89° 9′ 0″	67.409	−67.402	−89° 9′ 10″	67.630	−67.623	−89° 9′ 20″	67.853	−67.846
10	67.630	−67.623	20	67.853	−67.846	30	68.077	−68.069

$\alpha_{1944.0} = 20^h\ 7^m\ 11^s_.52$ $\delta_{1944.0} = -89°\ 9'\ 23''_.67$

*) Tag der doppelten unteren Kulmination: Jan. 23.

Obere Kulmination Greenwich

Sh) σ Octantis $5^{m}.48$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	$20^h 7^m$	— $89° 9'$	in $0^s.01$	in $0''.01$	$20^h 8^m$	— $89° 9'$	in $0^s.01$	in $0''.01$	$20^h 8^m$	— $89° 9'$	in $0^s.01$	in $0''.01$	$20^h 8^m$	— $89° 9'$	in $0^s.01$	in $0''.01$
1	$18^s.74$	$0''.48$	+35	+4	$6^s.72$	$2''.88$	+15	−7	$40^s.56$	9.21	−28	−8	$54^s.68$	$18''.63$	−31	+7
2	20.39	0.48	+36	0	8.10	3.03	0	−8	41.38	9.47	−41	−5	54.70	18.94	−11	+8
3	22.04	0.49	+31	−3	9.46	3.19	−17	−8	42.18	9.74	−48	−2	54.69	19.25	+10	+8
4	23.69	0.50	+22	−6	10.81	3.35	−32	−7	42.95	10.01	−46	+2	54.65	19.56	+28	+5
5	25.33	0.52	+ 9	−7	12.14	3.52	−42	−4	43.70	10.28	−35	+6	54.59	19.87	+38	+1
6	26.97	0.54	− 7	−8	13.46	3.69	−45	0	44.43	10.56	−19	+8	54.50	20.18	+39	−3
7	28.60	0.57	−22	−7	14.76	3.86	−40	+4	45.13	10.83	+ 1	+8	54.38	20.49	+30	−6
8	30.23	0.60	−35	−5	16.04	4.04	−28	+7	45.81	11.11	+21	+7	54.23	20.80	+16	−8
9	31.85	0.64	−43	−2	17.31	4.22	−10	+8	46.47	11.39	+34	+3	54.06	21.10	− 1	−8
10	33.47	0.69	−44	+1	18.56	4.41	+ 9	+8	47.10	11.68	+40	−1	53.86	21.41	−15	−5
11	35.08	0.74	−36	+5	19.80	4.60	+26	+5	47.71	11.96	+36	−5	53.64	21.72	−23	−1
12	36.68	0.79	−22	+7	21.02	4.79	+36	+2	48.29	12 25	+24	−7	53.39	22.03	−24	+3
13	38.27	0.85	− 4	+8	22.22	4.99	+37	−2	48.85	12.54	+ 8	−8	53.11	22.33	−17	+6
14	39.86	0.91	+14	+7	23.40	5.19	+29	−6	49.38	12.83	− 8	−7	52.81	22.64	− 5	+8
15	41.44	0.98	+28	+4	24.57	5.40	+15	−8	49.89	13.13	−20	−4	52.48	22.94	+ 8	+9
16	43.01	1.05	+35	0	25.72	5.61	− 1	−8	50.37	13.42	−26	0	52.12	23.24	+21	+8
17	44.58	1.13	+33	−4	26.85	5.83	−15	−6	50.83	13.72	−23	+4	51.74	23.54	+30	+5
18	46.13	1.21	+23	−7	27.96	6.05	−25	−3	51.27	14.02	−15	+7	51.33	23.84	+35	+2
19	47.67	1.30	+ 8	−8	29.05	6.27	−27	+1	51.68	14.32	− 3	+8	50.90	24.13	+35	−1
20	49.20	1.39	− 8	−8	30.12	6.50	−22	+5	52.06	14.62	+11	+8	50.44	24.43	+28	−4
21	50.72	1.49	−21	−5	31.18	6.73	−11	+7	52.42	14.92	+23	+7	49.96	24.72	+17	−6
22	52.24	1.59	−27	−1	32.21	6.96	+ 2	+9	52.75	15.22	+31	+4	49.45	25.01	+ 3	−8
23	53.74	1.70	−26	+3	33.22	7.20	+16	+8	53.06	15.53	+34	+1	48.91	25.29	−14	−8
24	55.23	1.81	−18	+6	34.21	7.44	+27	+6	{53.34 53.59	15.84 16.15	+32 +24	−2 −5}	48.35	25.58	−31	−7
25	56.71	1.93	− 6	+8	35.18	7.68	+34	+3	53.82	16.45	+11	−7	47.77	25.86	−44	−5
26	58.18	2.05	+ 9	+9	36.13	7.93	+35	0	54.02	16.76	− 5	−9	47.16	26.14	−50	−2
27	59.63	2.18	+22	+8	37.06	8.18	+30	−4	54.20	17.07	−21	−8	46.53	26.42	−49	+2
28	61.08	2.31	+32	+5	37.97	8.43	+19	−6	54.35	17.38	−37	−7	45.87	26.69	−39	+6
29	62.51	2.44	+36	+2	38.86	8.69	+ 5	−8	54.47	17.69	−48	−4	45.19	26.96	−22	+8
30	63.93	2.58	+34	−1	39.72	8.95	−12	−9	54.57	18.01	−50	0	44.48	27.23	− 1	+8
31	65.33	2.73	+26	−4	40.56	9.21	−28	−8	54.64	18.32	−44	+4	43.75	27.50	+18	+6
32	66.72	2.88	+15	−7					54.68	18.63	−31	+7	42.99	27.76	+33	+2

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−89° 9′ 0″	67.409	−67.402	−89° 9′ 10″	67.630	−67.623	−89° 9′ 20″	67.853	−67.846
10	67.630	−67.623	20	67.853	−67.846	30	68.077	−68.069

$\alpha_{1944.0} = 20^h\ 7^m\ 11^s.52$ $\delta_{1944.0} = -89°\ 9'\ 23''.67$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Sh) σ Octantis $5^m.48$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$20^h 8^m$	— 89° 9′	in $0^s.01$	in $0''.01$	$20^h 7^m$	— 89° 9′	in $0^s.01$	in $0''.01$	$20^h 6^m$	— 89° 9′	in $0^s.01$	in $0''.01$	$20^h 6^m$	— 89° 9′	in $0^s.01$	in $0''.01$
	s	"			s	"			s	"			s	"		
1	42.99	27.76	+33	+2	71.11	33.79	+24	−7	87.97	34.81	−27	−3	51.37	30.22	−17	+7
2	42.22	28.02	+38	−2	69.80	33.91	+9	−9	86.58	34.74	−28	+1	50.40	29.98	−2	+9
3	41.42	28.28	+33	−5	68.49	34.03	−7	−8	85.20	34.67	−22	+5	49.46	29.74	+15	+9
4	40.59	28.53	+21	−8	67.16	34.14	−20	−5	83.82	34.59	−8	+8	48.54	29.50	+30	+8
5	39.75	28.78	+5	−8	65.82	34.25	−26	−1	82.45	34.50	+8	+10	47.64	29.25	+40	+5
6	38.88	29.03	−11	−6	64.47	34.35	−24	+4	81.09	34.41	+24	+9	46.77	29.00	+42	+1
7	37.99	29.27	−21	−3	63.12	34.44	−14	+7	79.74	34.31	+36	+6	45.91	28.74	+38	−2
8	37.09	29.51	−24	+1	61.75	34.53	0	+9	78.40	34.21	+42	+3	45.08	28.48	+28	−5
9	36.16	29.75	−19	+5	60.38	34.61	+15	+9	77.07	34.10	+41	0	44.27	28.21	+14	−7
10	35.21	29.98	−8	+8	59.00	34.69	+29	+8	75.75	33.98	+34	−4	43.49	27.94	−3	−8
11	34.24	30.21	+6	+9	57.61	34.76	+37	+5	74.44	33.86	+22	−6	42.73	27.66	−19	−8
12	33.25	30.43	+19	+9	56.22	34.83	+41	+2	73.15	33.73	+8	−8	41.99	27.38	−34	−6
13	32.24	30.65	+30	+7	54.82	34.89	+37	−2	71.86	33.60	−9	−8	41.28	27.10	−43	−3
14	31.21	30.87	+37	+4	53.42	34.94	+28	−5	70.59	33.46	−25	−7	40.59	26.81	−45	+1
15	30.16	31.08	+37	0	52.01	34.99	+16	−7	69.33	33.31	−37	−4	39.93	26.52	−40	+5
16	29.09	31.28	+32	−3	50.60	35.03	+1	−8	68.08	33.16	−44	−1	39.29	26.23	−28	+7
17	28.01	31.48	+23	−5	49.18	35.06	−15	−8	66.85	33.00	−44	+2	38.68	25.93	−10	+8
18	26.90	31.68	+10	−7	47.77	35.09	−30	−6	65.63	32.84	−37	+5	38.10	25.63	+8	+7
19	25.78	31.87	−6	−8	46.35	35.11	−41	−4	64.43	32.67	−23	+8	37.54	25.33	+24	+5
20	24.64	32.06	−23	−8	44.93	35.13	−46	0	63.24	32.50	−5	+8	37.01	25.02	+34	+1
21	23.48	32.24	−37	−6	43.51	35.14	−44	+3	62.07	32.32	+12	+6	36.50	24.71	+34	−3
22	22.31	32.42	−47	−3	42.09	35.14	−35	+6	60.92	32.13	+26	+3	36.02	24.40	+26	−7
23	21.12	32.59	−49	0	40.67	35.14	−19	+8	59.78	31.94	+33	−1	35.57	24.09	+11	−9
24	19.92	32.76	−44	+4	39.25	35.13	0	+7	58.66	31.74	+30	−5	35.14	23.77	−6	−9
25	18.70	32.92	−31	+7	37.83	35.11	+17	+5	57.56	31.54	+19	−8	34.74	23.45	−20	−6
26	17.47	33.08	−12	+8	36.41	35.09	+29	+1	56.48	31.33	+4	−9	34.36	23.12	−29	−3
27	16.22	33.23	+8	+7	34.99	35.06	+33	−3	55.41	31.12	−13	−8	34.02	22.80	−30	+1
28	14.96	33.38	+24	+4	33.58	35.02	+27	−6	54.37	30.90	−25	−5	33.70	22.47	−23	+5
29	13.69	33.52	+33	0	32.17	34.98	+13	−9	53.35	30.68	−31	−1	33.41	22.14	−9	+8
30	12.41	33.66	+33	−4	30.77	34.93	−3	−9	52.35	30.45	−28	+4	33.15	21.81	+7	+9
31	11.11	33.79	+24	−7	29.37	34.87	−17	−7	51.37	30.22	−17	+7	32.91	21.48	+23	+8
32					27.97	34.81	−27	−3					32.70	21.14	+35	+6

δ	sec δ	tg δ	δ	sec δ	tg δ
−89° 9′ 20″	67.853	−67.846	−89° 9′ 30″	68.077	−68.069
30	68.077	−68.069	40	68.302	−68.295

$\alpha_{1944.0} = 20^h\ 7^m\ 11^s.52$ $\delta_{1944.0} = -89°\ 9'\ 23''.67$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Si) β Octantis $4^{m}.34$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$22^{h}40^{m}$	— $81°40'$	in $0^{s}.01$	in $0''.01$	$22^{h}40^{m}$	— $81°40'$	in $0^{s}.01$	in $0''.01$	$22^{h}40^{m}$	— $81°40'$	in $0^{s}.01$	in $0''.01$	$22^{h}40^{m}$	— $81°40'$	in $0^{s}.01$	in $0''.01$
1	$18^{s}.83$	$54''.80$	+5	+2	$16^{s}.52$	$46''.19$	0	−5	$16^{s}.28$	$35''.78$	−3	−2	$18^{s}.16$	$24''.60$	−1	+8
2	18.73	54.59	+4	−2	16.49	45.86	−2	−4	*)16.31	35.41	−3	+1	18.25	24.27	+1	+9
3	18.63	54.38	+3	−5	16.45	45.52	−3	−1	16.34	35.03	−3	+4	18.35	23.94	+2	+8
4	18.53	54.16	+1	−6	16.41	45.18	−3	+2	16.37	34.66	−2	+7	18.45	23.61	+3	+6
5	18.43	53.93	−1	−5	16.38	44.84	−2	+5	16.40	34.29	0	+8	18.55	23.28	+4	+4
6	18.33	53.70	−2	−3	16.35	44.50	−1	+7	16.44	33.92	+1	+8	18.65	22.96	+4	0
7	18.23	53.46	−3	0	16.32	44.15	0	+8	16.48	33.55	+2	+7	18.75	22.63	+3	−3
8	18.14	53.22	−3	+3	16.29	43.80	+1	+8	16.52	33.18	+3	+5	18.85	22.32	+2	−6
9	18.05	52.97	−2	+5	16.26	43.45	+2	+6	16.56	32.81	+3	+2	18.96	22.00	0	−8
10	17.96	52.72	−1	+7	16.24	43.10	+3	+4	16.61	32.44	+3	−1	19.07	21.69	−2	−9
11	17.87	52.46	0	+7	16.22	42.75	+3	+1	16.66	32.07	+3	−4	19.18	21.37	−3	−9
12	17.79	52.20	+2	+7	16.20	42.39	+3	−3	16.71	31.70	+1	−7	19.29	21.07	−5	−7
13	17.71	51.94	+3	+5	16.18	42.03	+2	−6	16.76	31.33	−1	−9	19.40	20.76	−5	−4
14	17.63	51.67	+3	+2	16.17	41.67	+1	−9	16.82	30.97	−2	−10	19.52	20.46	−5	0
15	17.55	51.40	+3	−1	16.16	41.31	−1	−10	16.88	30.60	−4	−9	19.63	20.16	−3	+4
16	17.47	51.12	+3	−4	16.15	40.95	−3	−10	16.94	30.24	−5	−6	19.75	19.87	−1	+6
17	17.39	50.84	+2	−7	16.14	40.59	−5	−8	17.00	29.87	−5	−2	19.87	19.58	+1	+7
18	17.32	50.55	0	−10	16.14	40.22	−6	−5	17.06	29.51	−4	+1	20.00	19.29	+3	+6
19	17.25	50.26	−2	−10	16.14	39.85	−5	−1	17.12	29.15	−3	+5	20.12	19.01	+4	+3
20	17.18	49.97	−4	−9	16.14	39.48	−4	+3	17.19	28.79	0	+7	20.25	18.73	+4	−1
21	17.11	49.67	−5	−7	16.14	39.11	−1	+6	17.26	28.43	+2	+7	20.38	18.45	+3	−4
22	17.05	49.37	−5	−3	16.15	38.74	+1	+7	17.33	28.07	+4	+5	20.50	18.18	+2	−6
23	16.99	49.07	−4	+2	16.16	38.37	+3	+7	17.41	27.72	+5	+2	20.63	17.91	0	−7
24	16.93	48.76	−3	+6	16.17	38.00	+5	+4	17.48	27.36	+4	−2	20.77	17.65	−2	−5
25	16.87	48.45	0	+8	16.18	37.63	+5	+1	17.56	27.01	+3	−5	20.90	17.38	−3	−3
26	16.82	48.14	+2	+8	16.20	37.26	+4	−3	17.64	26.66	+1	−6	21.03	17.13	−3	+1
27	16.76	47.82	+4	+6	16.22	36.89	+2	−5	17.72	26.31	−1	−6	21.17	16.87	−3	+5
28	16.71	47.50	+5	+3	16.24	36.52	0	−6	17.81	25.97	−2	−4	21.30	16.62	−1	+7
29	16.66	47.18	+4	0	16.26	36.15	−2	−5	17.89	25.62	−3	−1	21.44	16.37	0	+9
30	16.61	46.85	+3	−3	16.28	35.78	−3	−2	17.98	25.28	−3	+3	21.58	16.13	+2	+9
31	16.57	46.52	+2	−5					18.07	24.94	−2	+6	21.72	15.89	+3	+7
32	16.52	46.19	0	−5					18.16	24.60	−1	+8				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−81° 40′ 10″	6.902	−6.829	−81° 40′ 30″	6.907	−6.834	−81° 40′ 50″	6.911	−6.839
20	6.904	−6.832	40	6.909	−6.836	60	6.914	−6.841

$\alpha_{1944.0} = 22^{h}\ 40^{m}\ 27^{s}.72$ $\delta_{1944.0} = -81°\ 40'\ 34''.10$

*) Tag der doppelten unteren Kulmination: März 2.

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Si) β Octantis $4^{m}.34$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	$22^h 40^m$	−81° 40′	in $0^s.01$	in $0''.01$	$22^h 40^m$	−81° 40′	in $0^s.01$	in $0''.01$	$22^h 40^m$	−81° 40′	in $0^s.01$	in $0''.01$	$22^h 40^m$	−81° 40′	in $0^s.01$	in $0''.01$
1	21.72	15.89	+3	+7	26.52	10.81	+3	−4	31.33	10.67	−1	−10	35.30	15.42	−5	−2
2	21.86	15.66	+4	+5	26.68	10.73	+2	−7	31.48	10.75	−3	−9	35.40	15.65	−4	+2
3	22.00	15.43	+4	+2	26.85	10.65	0	−9	31.63	10.83	−5	−7	35.50	15.87	−3	+5
4	22.15	15.20	+3	−2	27.01	10.58	−2	−9	31.78	10.92	−5	−4	35.60	16.11	0	+7
5	22.29	14.98	+2	−5	27.17	10.51	−4	−8	31.92	11.02	−5	0	35.69	16.34	+2	+8
6	22.44	14.76	+1	−7	27.34	10.45	−5	−6	32.07	11.12	−4	+4	35.78	16.58	+4	+6
7	22.58	14.55	−1	−9	27.50	10.39	−5	−2	32.22	11.22	−2	+7	35.87	16.82	+5	+2
8	22.73	14.34	−3	−9	27.67	10.34	−4	+2	32.36	11.33	+1	+8	35.96	17.07	+4	−1
9	22.88	14.14	−4	−7	27.83	10.30	−3	+5	32.50	11.45	+3	+7	36.04	17.32	+3	−4
10	23.03	13.94	−5	−4	28.00	10.26	−1	+7	32.64	11.57	+4	+4	36.12	17.57	+1	−6
11	23.18	13.75	−5	−1	28.16	10.22	+2	+8	32.78	11.69	+5	+1	36.20	17.82	−1	−6
12	23.33	13.56	−4	+3	28.32	10.19	+3	+6	32.91	11.82	+4	−3	36.27	18.08	−2	−4
13	23.48	13.37	−2	+6	28.48	10.17	+4	+3	33.05	11.96	+2	−5	36.35	18.34	−3	−1
14	23.64	13.19	0	+7	28.65	10.15	+4	−1	33.18	12.10	0	−6	36.42	18.60	−3	+3
15	23.79	13.02	+2	+7	28.81	10.14	+3	−4	33.32	12.24	−2	−5	36.48	18.87	−2	+6
16	23.95	12.85	+4	+4	28.97	10.13	+2	−6	33.45	12.39	−3	−3	36.55	19.14	−1	+8
17	24.10	12.68	+5	+1	29.13	10.13	0	−7	33.58	12.55	−3	0	36.61	19.41	+1	+9
18	24.26	12.52	+4	−3	29.29	10.13	−2	−5	33.71	12.71	−3	+3	36.67	19.69	+2	+8
19	24.42	12.37	+2	−6	29.45	10.14	−3	−2	33.84	12.88	−2	+6	36.73	19.96	+3	+6
20	24.58	12.22	+1	−7	29.61	10.16	−3	+1	33.96	13.05	0	+8	36.78	20.24	+4	+4
21	24.74	12.07	−1	−7	29.77	10.18	−3	+4	34.08	13.22	+1	+8	36.83	20.52	+4	0
22	24.90	11.93	−3	−4	29.93	10.20	−1	+7	34.20	13.40	+2	+7	36.88	20.81	+3	−3
23	25.06	11.80	−3	−1	30.08	10.23	0	+8	34.32	13.58	+3	+5	36.93	21.09	+2	−6
24	25.22	11.67	−3	+3	30.24	10.27	+2	+8	34.44	13.77	+4	+2	36.97	21.38	0	−9
25	25.38	11.54	−2	+6	30.40	10.31	+3	+7	34.56	13.96	+4	−1	37.02	21.67	−2	−10
26	25.54	11.42	−1	+8	30.56	10.35	+4	+4	34.67	14.16	+3	−5	37.05	21.96	−4	−10
27	25.71	11.31	+1	+9	30.71	10.40	+4	+1	34.78	14.36	+1	−8	37.09	22.25	−5	−8
28	25.87	11.20	+2	+8	30.87	10.46	+3	−3	34.89	14.56	−1	−10	37.12	22.55	−6	−4
29	26.03	11.09	+3	+6	31.02	10.52	+2	−6	35.00	14.77	−3	−10	37.15	22.84	−5	0
30	26.19	10.99	+4	+3	31.18	10.59	0	−9	35.10	14.98	−4	−9	37.18	23.14	−4	+3
31	26.36	10.90	+4	0	31.33	10.67	−1	−10	35.20	15.20	−5	−6	37.21	23.44	−2	+6
32	26.52	10.81	+3	−4					35.30	15.42	−5	−2	37.23 37.25	23.74 24.04	+1 +3	+7 +6

δ	sec δ	tg δ	δ	sec δ	tg δ
−81° 40′ 10″	6.902	−6.829	−81° 40′ 20″	6.904	−6.832
20	6.904	−6.832	30	6.907	−6.834

$\alpha_{1944.0} = 22^h\ 40^m\ 27^s.72$ $\delta_{1944.0} = -81°\ 40'\ 34''.10$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Si) β Octantis $4^m.34$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		—	in			—	in			—	in			—	in	
	$22^h 40^m$	81° 40′	$0^s.01$	$0''.01$	$22^h 40^m$	81° 40′	$0^s.01$	$0''.01$	$22^h 40^m$	81° 40′	$0^s.01$	$0''.01$	$22^h 40^m$	81° 40′	$0^s.01$	$0''.01$
	s	"			s	"			s	"			s	"		
1	37.23 37.25	23.74 24.04	+1 +3	+7 +6	36.56	32.97	+4	−3	33.57	39.80	−2	−6	29.57	41.65	−3	+4
2	37.27	24.34	+4	+3	36.49	33.24	+3	−6	33.45	39.95	−3	−2	29.44	41.62	−2	+7
3	37.28	24.64	+5	0	36.42	33.52	+1	−7	33.32	40.09	−3	+2	29.30	41.58	0	+9
4	37.29	24.95	+4	−4	36.35	33.78	−1	−6	33.20	40.23	−3	+6	29.17	41.53	+2	+10
5	37.30	25.25	+2	−6	36.28	34.05	−3	−4	33.07	40.36	−1	+9	29.03	41.47	+3	+9
6	37.31	25.56	0	−6	36.20	34.31	−3	0	32.95	40.49	+1	+10	28.90	41.41	+4	+6
7	37.31	25.86	−2	−5	36.13	34.58	−3	+4	32.82	40.61	+3	+10	28.77	41.35	+4	+3
8	37.31	26.17	−3	−2	36.05	34.83	−2	+7	32.69	40.72	+4	+8	28.63	41.27	+4	−1
9	37.30	26.47	−3	+2	35.97	35.09	0	+9	32.56	40.83	+4	+5	28.50	41.19	+3	−4
10	37.30	26.78	−3	+5	35.88	35.34	+2	+10	32.43	40.93	+4	+1	28.37	41.11	+1	−7
11	37.29	27.08	−1	+8	35.80	35.59	+3	+9	32.29	41.03	+3	−2	28.24	41.02	−1	−9
12	37.28	27.39	0	+9	35.71	35.83	+4	+6	32.16	41.12	+2	−5	28.11	40.92	−3	−9
13	37.27	27.69	+2	+9	35.62	36.07	+4	+3	32.02	41.20	+1	−7	27.99	40.82	−4	−8
14	37.25	28.00	+3	+7	35.53	36.31	+4	0	31.89	41.28	−1	−8	27.86	40.71	−5	−5
15	37.23	28.30	+4	+5	35.44	36.54	+3	−3	31.76	41.35	−3	−8	27.73	40.59	−5	−1
16	37.21	28.60	+4	+2	35.34	36.77	+2	−6	31.62	41.42	−4	−7	27.61	40.47	−4	+2
17	37.18	28.90	+3	−2	35.25	36.99	0	−8	31.49	41.47	−5	−4	27.49	40.34	−3	+5
18	37.16	29.20	+2	−5	35.15	37.21	−2	−9	31.35	41.53	−5	0	27.36	40.21	−1	+7
19	37.13	29.50	+1	−7	35.05	37.43	−4	−8	31.21	41.57	−4	+3	27.24	40.07	+2	+7
20	37.09	29.80	−1	−9	34.94	37.64	−5	−6	31.08	41.61	−2	+6	27.12	39.92	+3	+5
21	37.06	30.10	−3	−9	34.84	37.85	−5	−3	30.94	41.65	0	+7	27.00	39.77	+4	+2
22	37.02	30.39	−4	−8	34.73	38.05	−5	+1	30.80	41.68	+2	+6	26.88	39.61	+4	−2
23	36.98	30.68	−5	−6	34.62	38.25	−3	+4	30.67	41.70	+4	+3	26.77	39.45	+3	−5
24	36.94	30.98	−5	−2	34.51	38.44	−1	+6	30.53	41.72	+4	0	26.65	39.28	+1	−7
25	36.89	31.27	−4	+2	34.40	38.63	+1	+6	30.39	41.73	+4	−4	26.53	39.10	−1	−8
26	36.84	31.56	−3	+5	34.28	38.81	+3	+5	30.26	41.73	+2	−7	26.42	38.92	−3	−6
27	36.79	31.85	0	+6	34.17	38.99	+4	+2	30.12	41.72	0	−8	26.31	38.74	−4	−2
28	36.74	32.13	+2	+6	34.05	39.16	+4	−2	29.98	41.71	−2	−7	26.20	38.55	−4	+2
29	36.68	32.41	+4	+4	33.93	39.33	+3	−5	29.85	41.70	−3	−4	26.09	38.35	−3	+5
30	36.62	32.69	+4	+1	33.81	39.49	+1	−7	29.71	41.68	−4	0	25.99	38.15	−1	+8
31	36.56	32.97	+4	−3	33.69	39.65	0	−8	29.57	41.65	−3	+4	25.88	37.95	+1	+10
32					33.57	39.80	−2	−6					25.78	37.74	+3	+9

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−81° 40′ 20″	6.904	−6.832	−81° 40′ 30″	6.907	−6.834	−81° 40′ 40″	6.909	−6.836
30	6.907	−6.834	40	6.909	−6.836	50	6.911	−6.839

$\alpha_{1944.0} = 22^h\ 40^m\ 27^s.72$ $\delta_{1944.0} = -81°\ 40'\ 34''.10$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Sk) τ Octantis $5^{m}.56$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder		Februar AR.	Februar Dekl.	Februar ☾ Glieder		März AR.	März Dekl.	März ☾ Glieder		April AR.	April Dekl.	April ☾ Glieder	
		—	in			—	in			—	in			—	in	
	$23^h 19^m$	$87° 47'$	$0^s.01$	$0''.01$	$23^h 19^m$	$87° 47'$	$0^s.01$	$0''.01$	$23^h 19^m$	$87° 47'$	$0^s.01$	$0''.01$	$23^h 19^m$	$87° 47'$	$0^s.01$	$0''.01$
1	63.60	49.46	+16	+3	51.46	41.46	+2	−5	46.90	31.04	−8	−3	50.02	19.26	−8	+7
2	63.12	49.28	+15	0	51.19	41.13	−4	−4	46.87	30.65	−11	0	50.26	18.90	−3	+9
3	62.64	49.09	+11	−3	50.92	40.80	−9	−2	46.85	30.27	−12	+3	50.50	18.54	+2	+8
4	62.17	48.89	+6	−5	50.66	40.47	−12	+1	46.84	29.88	−10	+5	50.75	18.18	+7	+7
5	61.70	48.69	0	−5	50.41	40.13	−11	+4	46.84	29.50	−6	+7	51.00	17.83	+10	+5
6	61.24	48.49	−6	−4	50.17	39.80	−9	+6	46.85	29.11	−2	+8	51.27	17.47	+12	+2
7	60.78	48.28	−10	−2	49.93	39.46	−5	+7	46.86	28.73	+3	+7	51.54	17.12	+12	−2
8	60.33	48.06	−12	+1	49.71	39.12	0	+8	46.89	28.34	+8	+6	51.81	16.77	+10	−5
9	59.88	47.84	−11	+4	49.49	38.77	+4	+7	46.92	27.96	+11	+3	52.10	16.42	+6	−8
10	59.44	47.62	−8	+6	49.28	38.42	+8	+5	46.96	27.57	+12	0	52.40	16.08	0	−9
11	59.00	47.39	−4	+7	49.08	38.07	+11	+2	47.01	27.18	+12	−3	52.70	15.73	−6	−9
12	58.57	47.15	+1	+7	48.89	37.71	+12	−2	*)47.07	26.80	+9	−6	53.01	15.40	−12	−8
13	58.15	46.91	+6	+6	48.70	37.36	+11	−5	47.14	26.41	+4	−9	53.32	15.06	−16	−5
14	57.74	46.67	+10	+3	48.53	37.00	+7	−8	47.22	26.03	−2	−10	53.65	14.73	−16	−1
15	57.33	46.41	+12	0	48.36	36.64	+2	−10	47.30	25.65	−9	−10	53.98	14.40	−14	+2
16	56.92	46.16	+12	−3	48.20	36.28	−5	−11	47.39	25.26	−14	−7	54.31	14.07	−8	+5
17	56.53	45.90	+10	−7	48.05	35.91	−12	−9	47.50	24.88	−17	−4	54.65	13.74	−1	+7
18	56.14	45.63	+5	−9	47.90	35.55	−16	−6	47.61	24.50	−16	0	55.00	13.42	+7	+6
19	55.76	45.36	−1	−11	47.77	35.18	−17	−2	47.72	24.11	−12	+4	55.36	13.10	+13	+4
20	55.38	45.08	−8	−10	47.65	34.81	−15	+2	47.85	23.73	−5	+6	55.73	12.78	+16	+1
21	55.01	44.80	−14	−8	47.53	34.44	−9	+5	47.99	23.35	+3	+7	56.10	12.47	+15	−3
22	54.65	44.52	−17	−4	47.42	34.06	−1	+7	48.13	22.97	+10	+6	56.47	12.16	+10	−5
23	54.30	44.23	−16	0	47.32	33.69	+7	+7	48.28	22.60	+15	+3	56.86	11.85	+4	−6
24	53.95	43.94	−12	+4	47.24	33.31	+13	+5	48.44	22.22	+16	0	57.25	11.55	−3	−6
25	53.62	43.64	−5	+7	47.16	32.94	+16	+2	48.61	21.85	+13	−3	57.64	11.25	−9	−3
26	53.29	43.34	+3	+8	47.09	32.56	+16	−1	48.79	21.47	+8	−5	58.04	10.96	−12	0
27	52.96	43.04	+10	+7	47.03	32.18	+11	−4	48.97	21.10	+1	−6	58.45	10.66	−12	+3
28	52.65	42.73	+15	+5	46.97	31.80	+5	−5	49.17	20.73	−6	−4	58.86	10.38	−9	+6
29	52.34	42.42	+16	+1	46.93	31.42	−2	−5	49.37	20.36	−10	−1	59.28	10.09	−5	+8
30	52.04	42.10	+14	−2	46.90	31.04	−8	−3	49.58	19.99	−12	+2	59.71	9.81	0	+9
31	51.75	41.78	+8	−4					49.80	19.62	−11	+5	60.14	9.53	+5	+8
32	51.46	41.46	+2	−5					50.02	19.26	−8	+7				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 47′ 0″	25.854	−25.835	−87° 47′ 20″	25.919	−25.900	−87° 47′ 40″	25.984	−25.965
10	25.887	−25.867	30	25.952	−25.932	50	26.017	−25.998

$\alpha_{1944.0} = 23^h\ 20^m\ 28^s.23$ $\delta_{1944.0} = -87°\ 47'\ 26''.02$

*) Tag der doppelten unteren Kulmination: März 12.

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Sk) τ Octantis $5^m.56$

Tag	Mai				Juni				Juli				August			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		—	in			—	in			—	in			—	in	
	$23^h 20^m$	87° 47′	$0^s.01$	$0''.01$	$23^h 20^m$	87° 47′	$0^s.01$	$0''.01$	$23^h 20^m$	87° 47′	$0^s.01$	$0''.01$	$23^h 20^m$	87° 47′	$0^s.01$	$0''.01$
	s	"			s	"			s	"			s	"		
1	0.14	9.53	+ 5	+8	15.81	3.16	+13	− 3	32.89	1.77	+ 1	−10	48.43	5.52	−17	− 4
2	0.58	9.26	+10	+6	16.37	3.04	+10	− 6	33.45	1.81	− 5	−10	48.84	5.72	−17	0
3	1.02	8.99	+12	+3	16.93	2.92	+ 5	− 8	34.00	1.85	−12	− 8	49.25	5.92	−13	+ 4
4	1.47	8.73	+13	−1	17.49	2.80	− 1	− 9	34.56	1.90	−16	− 5	49.65	6.13	− 6	+ 7
5	1.92	8.47	+11	−4	18.05	2.69	− 8	− 9	35.11	1.96	−17	− 1	50.05	6.34	+ 3	+ 8
6	2.38	8.21	+ 7	−7	18.62	2.59	−13	− 7	35.65	2.02	−15	+ 3	50.44	6.56	+10	+ 7
7	2.85	7.96	+ 2	−9	19.19	2.49	−16	− 4	36.20	2.09	− 9	+ 6	50.82	6.78	+15	+ 4
8	3.32	7.71	− 4	−9	19.76	2.39	−16	0	36.74	2.17	− 2	+ 8	51.20	7.01	+16	0
9	3.79	7.47	−10	−8	20.33	2.30	−12	+ 4	37.28	2.25	+ 6	+ 8	51.56	7.24	+14	− 3
10	4.27	7.23	−14	−6	20.90	2.22	− 6	+ 7	37.82	2.34	+12	+ 6	51.92	7.47	+ 8	− 5
11	4.75	7.00	−16	−2	21.48	2.14	+ 1	+ 8	38.35	2.43	+16	+ 2	52.27	7.71	+ 1	− 6
12	5.24	6.77	−15	+2	22.05	2.07	+ 8	+ 7	38.88	2.52	+15	− 1	52.61	7.95	− 5	− 4
13	5.73	6.54	−11	+5	22.62	2.00	+13	+ 4	39.40	2.63	+11	− 4	52.95	8.19	−10	− 2
14	6.23	6.32	− 4	+7	23.19	1.94	+15	0	39.92	2.73	+ 5	− 6	53.27	8.44	−12	+ 2
15	6.73	6.10	+ 4	+7	23.77	1.89	+14	− 3	40.44	2.84	− 2	− 6	53.59	8.69	−11	+ 5
16	7.24	5.89	+11	+5	24.34	1.84	+ 9	− 6	40.95	2.96	− 8	− 4	53.90	8.94	− 8	+ 7
17	7.75	5.68	+15	+2	24.92	1.80	+ 2	− 7	41.46	3.08	−11	− 1	54.20	9.20	− 3	+ 8
18	8.26	5.48	+15	−1	25.49	1.76	− 4	− 6	41.96	3.21	−12	+ 2	54.49	9.46	+ 2	+ 8
19	8.78	5.28	+12	−4	26.07	1.73	− 9	− 3	42.46	3.34	−11	+ 5	54.77	9.73	+ 7	+ 7
20	9.30	5.09	+ 6	−6	26.64	1.70	−12	0	42.95	3.48	− 7	+ 7	55.05	10.00	+11	+ 5
21	9.82	4.90	− 1	−7	27.21	1.67	−12	+ 3	43.44	3.62	− 1	+ 8	55.31	10.27	+13	+ 2
22	10.35	4.71	− 7	−5	27.79	1.66	− 9	+ 6	43.92	3.77	+ 4	+ 8	55.57	10.54	+13	− 2
23	10.88	4.53	−11	−2	28.36	1.65	− 5	+ 8	44.39	3.92	+ 8	+ 6	55.82	10.82	+11	− 5
24	11.42	4.36	−13	+2	28.93	1.64	+ 1	+ 8	44.87	4.08	+12	+ 3	56.05	11.10	+ 6	− 8
25	11.95	4.19	−11	+5	29.50	1.64	+ 6	+ 7	45.33	4.24	+13	0	56.28	11.38	0	−10
26	12.50	4.03	− 8	+7	30.07	1.65	+10	+ 5	45.79	4.41	+12	− 4	56.50	11.66	− 7	−10
27	13.04	3.87	− 3	+9	30.63	1.66	+13	+ 2	46.25	4.58	+ 9	− 7	56.71	11.95	−13	− 9
28	13.59	3.72	+ 3	+8	31.20	1.68	+13	− 1	46.70	4.76	+ 4	− 9	56.91	12.24	−17	− 6
29	14.14	3.57	+ 8	+7	31.77	1.70	+11	− 5	47.14	4.94	− 3	−10	57.10	12.53	−18	− 2
30	14.69	3.43	+11	+4	32.33	1.73	+ 7	− 8	47.58	5.13	− 9	−10	57.28	12.82	−15	+ 2
31	15.25	3.29	+13	+1	32.89	1.77	+ 1	−10	48.01	5.32	−15	− 8	57.45	13.12	− 9	+ 5
32	15.81	3.16	+13	−3					48.43	5.52	−17	− 4	57.61	13.42	− 1	+ 7

δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 47′ 0″	25.854	−25.835	−87° 47′ 10″	25.887	−25.867
10	25.887	−25.867	20	25.919	−25.900

$\alpha_{1944.0} = 23^h\ 20^m\ 28^s.23$ $\delta_{1944.0} = -87°\ 47'\ 26''.02$

Scheinbare Sternörter 1944

Obere Kulmination Greenwich

Sk) τ Octantis $5^m.56$

Tag	September AR.	Dekl.	☾ Glieder		Oktober AR.	Dekl.	☾ Glieder		November AR.	Dekl.	☾ Glieder		Dezember AR.	Dekl.	☾ Glieder	
	$23^h 20^m$	$-87° 47'$	in $0^s.01$	in $0''.01$	$23^h 20^m$	$-87° 47'$	in $0^s.01$	in $0''.01$	$23^h 20^m$	$-87° 47'$	in $0^s.01$	in $0''.01$	$23^h 20^m$	$-87° 47'$	in $0^s.01$	in $0''.01$
1	57.61	13.42	−1	+7	57.49	22.97	+16	−2	47.97	30.81	−4	−6	32.90	33.90	−13	+2
2	57.76	13.72	+7	+7	57.33	23.27	+13	−5	47.54	30.99	−10	−3	32.35	33.91	−11	+6
3	57.90	14.02	+13	+4	57.15	23.57	+7	−6	47.10	31.17	−13	+1	31.81	33.91	−6	+9
4	58.03	14.32	+16	+1	56.96	23.86	0	−6	46.65	31.35	−12	+5	31.26	33.90	0	+10
5	58.15	14.62	+15	−2	56.76	24.15	−7	−4	46.19	31.52	−9	+8	30.71	33.89	+6	+9
6	58.26	14.93	+11	−5	56.55	24.44	−12	−1	45.73	31.69	−3	+10	30.16	33.87	+11	+7
7	58.36	15.24	+4	−6	56.33	24.73	−12	+3	45.27	31.85	+3	+10	29.62	33.84	+14	+4
8	58.45	15.55	−3	−5	56.10	25.01	−11	+6	44.80	32.00	+8	+9	29.07	33.81	+14	0
9	58.53	15.86	−9	−3	55.86	25.29	−7	+9	44.32	32.15	+12	+6	28.53	33.77	+13	−3
10	58.59	16.17	−12	+1	55.61	25.57	−1	+10	43.84	32.30	+14	+3	27.98	33.72	+9	−6
11	58.65 58.70	16.48 16.79	−12 −9	+4 +7	55.36	25.85	+5	+9	43.36	32.43	+13	−1	27.44	33.67	+3	−8
12	58.74	17.10	−5	+9	55.09	26.12	+10	+7	42.87	32.57	+11	−4	26.90	33.61	−3	−9
13	58.77	17.42	+1	+9	54.82	26.40	+12	+4	42.37	32.69	+7	−7	26.36	33.54	−9	−8
14	58.79	17.73	+6	+8	54.53	26.66	+14	+1	41.87	32.81	0	−9	25.82	33.47	−14	−6
15	58.80	18.04	+10	+6	54.24	26.93	+12	−2	41.37	32.92	−6	−9	25.28	33.39	−17	−3
16	58.80	18.35	+12	+3	53.94	27.19	+10	−5	40.86	33.03	−11	−8	24.74	33.30	−16	+1
17	58.79	18.66	+13	0	53.62	27.45	+5	−8	40.35	33.13	−15	−5	24.21	33.21	−12	+4
18	58.76	18.98	+12	−4	53.30	27.70	−1	−9	39.84	33.22	−17	−2	23.68	33.11	−6	+6
19	58.73	19.29	+8	−7	52.98	27.95	−7	−9	39.32	33.31	−15	+2	23.15	33.01	+2	+7
20	58.68	19.60	+2	−9	52.64	28.20	−13	−7	38.80	33.40	−11	+5	22.63	32.90	+9	+6
21	58.63	19.91	−4	−10	52.29	28.44	−16	−5	38.27	33.47	−4	+6	22.10	32.78	+14	+3
22	58.56	20.22	−10	−9	51.94	28.68	−17	−1	37.75	33.55	+4	+6	21.58	32.66	+16	−1
23	58.49	20.53	−15	−7	51.58	28.91	−14	+2	37.21	33.61	+11	+4	21.06	32.53	+13	−4
24	58.40	20.84	−18	−4	51.21	29.14	−8	+5	36.68	33.67	+15	+1	20.55	32.40	+8	−7
25	58.30	21.15	−17	0	50.83	29.36	−1	+6	36.14	33.72	+15	−3	20.04	32.26	+1	−7
26	58.19	21.46	−12	+4	50.44	29.58	+7	+5	35.60	33.77	+12	−6	19.53	32.11	−5	−6
27	58.07	21.77	−5	+6	50.05	29.80	+13	+3	35.07	33.81	+6	−7	19.03	31.96	−11	−3
28	57.94	22.07	+3	+6	49.65	30.01	+16	0	34.53	33.84	−1	−7	18.53	31.80	−13	+1
29	57.80	22.37	+10	+5	49.24	30.22	+14	−4	33.98	33.87	−8	−5	18.04	31.64	−12	+4
30	57.65	22.67	+15	+2	48.82	30.42	+9	−7	33.44	33.89	−12	−2	17.55	31.47	−9	+7
31	57.49	22.97	+16	−2	48.40	30.62	+3	−7	32.90	33.90	−13	+2	17.06	31.29	−3	+9
32					47.97	30.81	−4	−6					16.58	31.11	+3	+9

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 47′ 10″	25.887	−25.867	−87° 47′ 20″	25.919	−25.900	−87° 47′ 30″	25.952	−25.932
20	25.919	−25.900	30	25.952	−25.932	40	25.984	−25.965

$\alpha_{1944.0} = 23^h\ 20^m\ 28^s.23$ $\delta_{1944.0} = -87°\ 47'\ 26''.02$

Koordinaten der scheinbaren Örter für 12ʰ Sternzeit Greenwich

Tag	BD +89° 1 Gr. 10ᵐ56		BD +89° 3 Gr. 9ᵐ06		BD +89° 37 Gr. 10ᵐ06		CPD −89° 38 Gr. 9ᵐ5		Kurzperiod. Nutationsgl.*)	
1944	x	y	x	y	x	y	x	y	in x Einh. 0″01	in y
Jan. 0	−375″08	+81″93	−175″94	+866″83	−1156″36	−342″70	+28″70	−316″35	− 8	−4
1	375.09	81.58	175.95	866.49	1156.37	343.04	28.82	316.67	− 6	−7
2	375.10	81.24	175.96	866.15	1156.38	343.38	28.96	316.98	− 3	−9
3	375.09	80.90	175.95	865.81	1156.37	343.73	29.10	317.29	+ 1	−8
4	375.09	80.56	175.95	865.47	1156.37	344.07	29.25	317.60	+ 3	−6
5	−375.07	+80.22	−175.93	+865.13	−1156.35	−344.41	+29.40	−317.91	+ 5	−3
6	375.05	79.88	175.91	864.79	1156.33	344.75	29.56	318.22	+ 5	+1
7	375.02	79.54	175.88	864.45	1156.30	345.10	29.72	318.52	+ 3	+4
8	374.99	79.20	175.85	864.12	1156.27	345.43	29.89	318.82	+ 1	+6
9	374.95	78.86	175.81	863.78	1156.23	345.77	30.06	319.12	− 2	+7
10	−374.90	+78.53	−175.76	+863.45	−1156.18	−346.11	+30.24	−319.42	− 4	+7
11	374.84	78.19	175.71	863.11	1156.13	346.44	30.43	319.71	− 6	+5
12	374.78	77.86	175.65	862.78	1156.07	346.77	30.62	320.00	− 7	+2
13	374.72	77.53	175.58	862.45	1156.00	347.11	30.82	320.29	− 7	−1
14	374.64	77.21	175.51	862.12	1155.93	347.43	31.02	320.58	− 5	−3
15	−374.56	+76.88	−175.43	+861.79	−1155.85	−347.76	+31.23	−320.86	− 3	−6
16	374.48	76.55	175.35	861.46	1155.77	348.09	31.44	321.14	0	−7
17	374.39	76.23	175.26	861.14	1155.68	348.41	31.66	321.42	+ 4	−8
18	374.29	75.91	175.16	860.82	1155.58	348.73	31.89	321.69	+ 7	−6
19	374.18	75.59	175.05	860.50	1155.47	349.05	32.12	321.96	+10	−4
20	−374.07	+75.27	−174.94	+860.19	−1155.36	−349.37	+32.35	−322.23	+11	0
21	373.96	74.96	174.83	859.88	1155.25	349.68	32.59	322.50	+10	+4
22	373.83	74.65	174.70	859.57	1155.12	349.99	32.84	322.76	+ 7	+7
23	373.70	74.34	174.57	859.27	1154.99	350.30	33.09	323.02	+ 3	+9
24	373.56	74.03	174.43	858.96	1154.85	350.61	33.34	323.27	− 1	+9
25	−373.42	+73.73	−174.29	+858.65	−1154.71	−350.92	+33.60	−323.52	− 5	+6
26	373.27	73.43	174.14	858.35	1154.56	351.22	33.86	323.77	− 8	+3
27	373.12	73.13	173.99	858.05	1154.41	351.52	34.13	324.01	− 8	−2
28	372.97	72.83	173.84	857.76	1154.26	351.82	34.41	324.26	− 7	−6
29	372.80	72.54	173.67	857.47	1154.09	352.11	34.68	324.49	− 4	−8
30	−372.63	+72.26	−173.50	+857.18	−1153.92	−352.39	+34.97	−324.72	− 1	−9
31	372.46	71.97	173.33	856.90	1153.75	352.68	35.25	324.95	+ 2	−7
Febr. 1	372.28	71.70	173.15	856.62	1153.57	352.95	35.54	325.18	+ 4	−4
2	372.09	71.42	172.96	856.35	1153.38	353.23	35.84	325.39	+ 5	0
3	371.90	71.15	172.77	856.08	1153.19	353.50	36.14	325.61	+ 4	+3
4	−371.70	+70.89	−172.57	+855.82	−1152.99	−353.76	+36.44	−325.82	+ 1	+6
5	371.50	70.63	172.37	855.56	1152.79	354.03	36.75	326.03	− 1	+7
6	−371.29	+70.37	−172.16	+855.30	−1152.58	−354.29	+37.06	−326.23	− 4	+7
Mittl. Ort	−360″22	+78″52	−161″13	+863″43	−1141″48	−346″15	+54″34	−307″29		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1944

Koordinaten der scheinbaren Örter für 12^{h} Sternzeit Greenwich

Tag	BD +89° 1 Gr. $10^{m}56$		BD +89° 3 Gr. $9^{m}06$		BD +89° 37 Gr. $10^{m}06$		CPD −89° 38 Gr. $9^{m}5$		Kurzperiod. Nutationsgl.*)	
1944	x	y	x	y	x	y	x	y	in x Einh.	in y 0″01
Febr. 6	−371″29	+70″37	−172″16	+855″30	−1152″58	−354″29	+37″06	−326″23	− 4	+7
7	371.08	70.11	171.95	855.04	1152.37	354.54	37.37	326.43	− 6	+5
8	370.87	69.86	171.74	854.79	1152.16	354.79	37.69	326.63	− 7	+3
9	370.64	69.62	171.52	854.55	1151.93	355.04	38.01	326.82	− 7	+1
10	370.42	69.38	171.29	854.31	1151.71	355.28	38.33	327.01	− 6	−2
11	−370.19	+69.14	−171.06	+854.07	−1151.48	−355.51	+38.66	−327.19	− 4	−5
12	369.95	68.91	170.83	853.84	1151.24	355.74	38.99	327.37	− 1	−7
13	369.71	68.69	170.59	853.62	1151.00	355.97	39.32	327.54	+ 2	−7
14	369.46	68.47	170.34	853.40	1150.75	356.19	39.66	327.71	+ 6	−7
15	369.21	68.25	170.09	853.18	1150.50	356.41	40.00	327.88	+ 9	−5
16	−368.96	+68.04	−169.84	+852.97	−1150.25	−356.62	+40.34	−328.04	+10	−2
17	368.71	67.83	169.59	852.76	1150.00	356.83	40.69	328.20	+11	+2
18	368.45	67.63	169.33	852.56	1149.74	357.03	41.04	328.35	+ 9	+6
19	368.19	67.43	169.07	852.37	1149.48	357.23	41.39	328.49	+ 6	+8
20	367.92	67.24	168.80	852.18	1149.21	357.42	41.74	328.64	+ 2	+9
21	−367.65	+67.06	−168.53	+851.99	−1148.94	−357.60	+42.10	−328.77	− 3	+8
22	367.37	66.88	168.25	851.82	1148.66	357.78	42.45	328.90	− 6	+4
23	367.09	66.71	167.97	851.65	1148.38	357.95	42.82	329.03	− 8	0
24	366.81	66.55	167.69	851.48	1148.10	358.12	43.18	329.15	− 7	−4
25	366.53	66.39	167.41	851.32	1147.82	358.28	43.54	329.27	− 5	−7
26	−366.24	+66.23	−167.12	+851.16	−1147.53	−358.44	+43.91	−329.38	− 2	−9
27	365.95	66.08	166.83	851.01	1147.24	358.59	44.28	329.49	+ 1	−8
28	365.66	65.94	166.54	850.87	1146.95	358.73	44.65	329.60	+ 4	−6
29	365.36	65.80	166.24	850.73	1146.65	358.87	45.02	329.69	+ 5	−2
März 1	365.07	65.66	165.95	850.59	1146.36	359.01	45.39	329.79	+ 4	+2
2	−364.77	+65.54	−165.65	+850.47	−1146.06	−359.13	+45.76	−329.88	+ 2	+5
3	364.46	65.42	165.34	850.34	1145.75	359.26	46.14	329.96	− 1	+7
4	364.16	65.30	165.04	850.23	1145.45	359.37	46.52	330.04	− 3	+7
5	363.85	65.19	164.73	850.12	1145.14	359.48	46.90	330.11	− 6	+6
6	363.54	65.09	164.42	850.02	1144.83	359.59	47.28	330.18	− 7	+4
7	−363.24	+64.99	−164.12	+849.92	−1144.53	−359.68	+47.66	−330.24	− 8	+1
8	362.93	64.90	163.81	849.83	1144.22	359.78	48.04	330.30	− 7	−2
9	362.62	64.82	163.50	849.74	1143.91	359.86	48.43	330.36	− 5	−4
10	362.30	64.74	163.18	849.67	1143.59	359.94	48.81	330.40	− 3	−6
11	361.99	64.67	162.87	849.60	1143.28	360.01	49.20	330.45	0	−7
12	−361.67	+64.60	−162.55	+849.53	−1142.96	−360.08	+49.58	−330.49	+ 4	−7
13	361.35	64.54	162.23	849.47	1142.64	360.13	49.97	330.52	+ 7	−5
14	−361.03	+64.49	−161.91	+849.42	−1142.32	−360.19	+50.36	−330.55	+ 9	−3
Mittl. Ort	−360″22	+78″52	−161″13	+863″43	−1141″48	−346″15	+54″34	−307″29		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1944

Koordinaten der scheinbaren Örter für 12ʰ Sternzeit Greenwich

Tag		BD +89° 1 Gr. 10ᵐ.56		BD +89° 3 Gr. 9ᵐ.06		BD +89° 37 Gr. 10ᵐ.06		CPD −89° 38 Gr. 9ᵐ.5		Kurzperiod. Nutationsgl.*)	
1944		x	y	x	y	x	y	x	y	in x Einh. 0″.01	in y
März	14	−361″.03	+64″.49	−161″.91	+849″.42	−1142″.32	−360″.19	+50″.36	−330″.55	+ 9	−3
	15	360.71	64.44	161.59	849.38	1142.00	360.23	50.75	330.57	+10	+1
	16	360.39	64.40	161.27	849.34	1141.68	360.27	51.14	330.59	+ 9	+4
	17	360.07	64.36	160.95	849.30	1141.36	360.31	51.53	330.60	+ 7	+7
	18	359.75	64.33	160.63	849.28	1141.04	360.34	51.91	330.61	+ 4	+9
	19	−359.43	+64.31	−160.31	+849.26	−1140.72	−360.36	+52.30	−330.62	0	+8
	20	359.11	64.30	159.99	849.24	1140.40	360.37	52.69	330.61	− 4	+6
	21	358.79	64.29	159.67	849.23	1140.08	360.38	53.08	330.61	− 6	+2
	22	358.47	64.29	159.35	849.23	1139.76	360.38	53.46	330.60	− 7	−2
	22	358.15	64.29	159.04	849.24	1139.44	360.38	53.85	330.58	− 5	−6
	23	−357.83	+64.30	−158.72	+849.25	−1139.12	−360.37	+54.23	−330.56	− 3	−8
	24	357.51	64.32	158.40	849.27	1138.80	360.35	54.62	330.53	+ 1	−9
	25	357.19	64.34	158.08	849.29	1138.48	360.33	55.01	330.50	+ 3	−7
	26	356.87	64.37	157.76	849.32	1138.16	360.30	55.39	330.47	+ 5	−4
	27	356.55	64.40	157.44	849.35	1137.84	360.27	55.78	330.43	+ 5	0
	28	−356.24	+64.44	−157.13	+849.39	−1137.53	−360.23	+56.16	−330.38	+ 3	+4
	29	355.93	64.49	156.82	849.44	1137.22	360.18	56.54	330.33	+ 1	+6
	30	355.62	64.55	156.51	849.49	1136.91	360.13	56.93	330.28	− 2	+8
	31	355.31	64.61	156.20	849.55	1136.60	360.07	57.31	330.22	− 5	+7
April	1	355.00	64.67	155.89	849.62	1136.29	360.00	57.68	330.15	− 7	+5
	2	−354.69	+64.75	−155.58	+849.69	−1135.98	−359.93	+58.06	−330.08	− 8	+2
	3	354.39	64.83	155.28	849.77	1135.68	359.85	58.44	330.01	− 8	−1
	4	354.08	64.91	154.97	849.85	1135.37	359.77	58.82	329.93	− 6	−4
	5	353.78	65.00	154.67	849.94	1135.07	359.68	59.19	329.85	− 4	−6
	6	353.48	65.09	154.37	850.03	1134.77	359.59	59.57	329.76	− 1	−7
	7	−353.19	+65.19	−154.08	+850.13	−1134.48	−359.49	+59.94	−329.67	+ 2	−7
	8	352.89	65.30	153.78	850.24	1134.18	359.38	60.31	329.57	+ 5	−6
	9	352.60	65.41	153.49	850.35	1133.89	359.27	60.68	329.47	+ 8	−4
	10	352.31	65.52	153.20	850.46	1133.60	359.16	61.04	329.36	+ 9	−1
	11	352.02	65.65	152.91	850.59	1133.31	359.03	61.41	329.25	+ 9	+3
	12	−351.74	+65.78	−152.63	+850.72	−1133.03	−358.90	+61.77	−329.13	+ 8	+6
	13	351.46	65.91	152.35	850.85	1132.75	358.77	62.13	329.01	+ 5	+8
	14	351.18	66.05	152.07	850.99	1132.47	358.63	62.49	328.88	+ 1	+9
	15	350.91	66.19	151.80	851.13	1132.20	358.49	62.85	328.75	− 3	+7
	16	350.64	66.34	151.53	851.28	1131.92	358.34	63.20	328.62	− 6	+4
	17	−350.37	+66.50	−151.26	+851.44	−1131.66	−358.18	+63.55	−328.48	− 7	0
	18	350.11	66.66	151.00	851.60	1131.39	358.02	63.90	328.34	− 6	−4
	19	−349.85	+66.82	−150.74	+851.76	−1131.13	−357.86	+64.24	−328.19	− 3	−8
Mittl. Ort		−360″.22	+78″.52	−161″.13	+863″.43	−1141″.48	−346″.15	+54″.34	−307″.29		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1944

Koordinaten der scheinbaren Örter für 12h Sternzeit Greenwich

Tag	BD +89° 1 Gr. 10m.56		BD +89° 3 Gr. 9m.06		BD +89° 37 Gr. 10m.06		CPD −89° 38 Gr. 9m.5		Kurzperiod. Nutationsgl.*)	
1944	x	y	x	y	x	y	x	y	in x Einh.	in y 0″.01
April 19	−349″.85	+66″.82	−150″.74	+851″.76	−1131″.13	−357″.86	+64″.24	−328″.19	− 3	−8
20	349.59	66.99	150.48	851.93	1130.87	357.69	64.59	328.04	0	−9
21	349.34	67.17	150.23	852.11	1130.62	357.51	64.93	327.88	+ 3	−8
22	349.09	67.35	149.98	852.29	1130.37	357.33	65.27	327.72	+ 5	−5
23	348.84	67.53	149.73	852.47	1130.12	357.15	65.60	327.56	+ 6	−2
24	−348.60	+67.72	−149.49	+852.66	−1129.88	−356.96	+65.93	−327.39	+ 5	+2
25	348.36	67.91	149.25	852.85	1129.64	356.77	66.26	327.22	+ 3	+5
26	348.12	68.11	149.02	853.05	1129.40	356.57	66.59	327.05	− 1	+8
27	347.89	68.31	148.79	853.25	1129.17	356.37	66.91	326.87	− 4	+7
28	347.67	68.52	148.56	853.45	1128.95	356.16	67.23	326.69	− 7	+6
29	−347.44	+68.73	−148.34	+853.66	−1128.72	−355.95	+67.55	−326.50	− 8	+4
30	347.22	68.94	148.12	853.87	1128.51	355.74	67.86	326.30	− 8	+1
Mai 1	347.01	69.16	147.91	854.09	1128.29	355.52	68.17	326.11	− 7	−3
2	346.80	69.38	147.70	854.31	1128.08	355.30	68.48	325.91	− 5	−5
3	346.60	69.61	147.50	854.54	1127.88	355.07	68.78	325.70	− 2	−7
4	−346.40	+69.84	−147.30	+854.77	−1127.68	−354.84	+69.08	−325.49	+ 1	−7
5	346.21	70.07	147.11	855.00	1127.48	354.61	69.38	325.28	+ 4	−7
6	346.02	70.31	146.92	855.24	1127.29	354.37	69.67	325.06	+ 7	−5
7	345.83	70.55	146.73	855.48	1127.11	354.13	69.96	324.85	+ 9	−2
8	345.65	70.79	146.56	855.72	1126.93	353.89	70.25	324.62	+ 9	+2
9	−345.48	+71.04	−146.38	+855.97	−1126.75	−353.64	+70.53	−324.40	+ 8	+5
10	345.31	71.29	146.21	856.22	1126.58	353.39	70.81	324.17	+ 5	+8
11	345.14	71.54	146.05	856.47	1126.42	353.14	71.08	323.94	+ 2	+9
12	344.98	71.80	145.89	856.73	1126.26	352.88	71.35	323.70	− 2	+8
13	344.83	72.06	145.74	856.99	1126.10	352.62	71.61	323.46	− 5	+5
14	−344.68	+72.32	−145.59	+857.25	−1125.95	−352.36	+71.87	−323.22	− 7	+1
15	344.53	72.59	145.44	857.52	1125.80	352.09	72.13	322.98	− 7	−3
16	344.40	72.86	145.31	857.78	1125.66	351.83	72.39	322.73	− 5	−6
17	344.26	73.13	145.17	858.05	1125.53	351.56	72.64	322.47	− 2	−8
18	344.14	73.40	145.05	858.33	1125.40	351.28	72.88	322.22	+ 2	−9
19	−344.02	+73.68	−144.93	+858.60	−1125.28	−351.01	+73.12	−321.96	+ 5	−7
20	343.90	73.96	144.81	858.88	1125.16	350.73	73.35	321.70	+ 6	−3
21	343.79	74.24	144.70	859.16	1125.05	350.45	73.58	321.43	+ 6	+1
22	343.69	74.52	144.60	859.44	1124.95	350.17	73.80	321.16	+ 4	+4
23	343.59	74.81	144.50	859.73	1124.85	349.88	74.02	320.89	+ 1	+7
24	−343.49	+75.10	−144.40	+860.02	−1124.75	−349.59	+74.24	−320.62	− 2	+8
25	343.40	75.38	144.31	860.30	1124.66	349.31	74.45	320.35	− 5	+7
26	−343.32	+75.67	−144.23	+860.59	−1124.58	−349.02	+74.66	−320.07	− 7	+5
Mittl. Ort	−360″.22	+78″.52	−161″.13	+863″.43	−1141″.48	−346″.15	+54″.34	−307″.29		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Koordinaten der scheinbaren Örter für 12h Sternzeit Greenwich

Tag	BD +89° 1 Gr. 10m56		BD +89° 3 Gr. 9m06		BD +89° 37 Gr. 10m06		CPD −89° 38 Gr. 9m5		Kurzperiod. Nutationsgl.*)	
1944	x	y	x	y	x	y	x	y	in x Einh. 0″.01	in y
Mai 26	−343.32″	+75.67″	−144.23″	+860.59″	−1124.58″	−349.02″	+74.66″	−320.07″	− 7	+5
27	343.24	75.96	144.15	860.88	1124.50	348.73	74.86	319.79	− 8	+2
28	343.17	76.26	144.08	861.18	1124.43	348.43	75.06	319.51	− 8	−1
29	343.11	76.55	144.02	861.47	1124.36	348.14	75.25	319.22	− 6	−4
30	343.05	76.85	143.96	861.77	1124.30	347.84	75.44	318.94	− 4	−6
31	−342.99	+77.15	−143.90	+862.07	−1124.24	−347.54	+75.62	−318.65	0	−8
Juni 1	342.94	77.45	143.85	862.37	1124.19	347.24	75.80	318.36	+ 3	−7
2	342.90	77.75	143.81	862.67	1124.15	346.94	75.97	318.06	+ 6	−6
3	342.86	78.05	143.77	862.97	1124.11	346.64	76.14	317.76	+ 9	−3
4	342.83	78.35	143.74	863.27	1124.08	346.34	76.30	317.47	+10	+1
5	−342.80	+78.65	−143.72	+863.57	−1124.05	−346.04	+76.46	−317.17	+ 9	+4
6	342.78	78.95	143.70	863.87	1124.03	345.74	76.62	316.87	+ 6	+7
7	342.77	79.26	143.68	864.18	1124.02	345.43	76.76	316.56	+ 3	+9
8	342.76	79.56	143.67	864.48	1124.01	345.13	76.90	316.26	− 1	+9
9	342.75	79.87	143.67	864.79	1124.00	344.82	77.04	315.95	− 5	+7
10	−342.76	+80.17	−143.67	+865.09	−1124.01	−344.52	+77.17	−315.64	− 7	+3
11	342.77	80.48	143.68	865.40	1124.02	344.21	77.29	315.33	− 8	−1
12	342.78	80.79	143.70	865.71	1124.03	343.90	77.41	315.02	− 6	−5
13	342.80	81.10	143.72	866.02	1124.05	343.59	77.53	314.71	− 3	−8
14	342.83	81.41	143.75	866.32	1124.07	343.28	77.64	314.39	0	−9
15	−342.86	+81.72	−143.78	+866.63	−1124.10	−342.97	+77.74	−314.08	+ 3	−7
16	342.89	82.02	143.82	866.93	1124.14	342.67	77.84	313.77	+ 5	−5
17	342.94	82.33	143.86	867.24	1124.18	342.36	77.93	313.45	+ 6	−1
18	342.99	82.63	143.91	867.54	1124.23	342.06	78.01	313.13	+ 5	+3
19	343.04	82.94	143.97	867.85	1124.28	341.75	78.09	312.81	+ 3	+6
20	−343.10	+83.24	−144.03	+868.15	−1124.34	−341.45	+78.17	−312.49	0	+7
21	343.17	83.54	144.10	868.46	1124.41	341.15	78.24	312.17	− 4	+7
22	343.24	83.84	144.17	868.76	1124.48	340.85	78.30	311.85	− 6	+6
23	343.32	84.14	144.25	869.06	1124.55	340.55	78.36	311.53	− 8	+3
24	343.40	84.44	144.33	869.36	1124.63	340.25	78.41	311.21	− 8	0
25	−343.48	+84.75	−144.41	+869.66	−1124.72	−339.95	+78.46	−310.88	− 7	−3
26	343.58	85.05	144.51	869.96	1124.81	339.65	78.50	310.56	− 5	−6
27	343.68	85.34	144.61	870.26	1124.91	339.35	78.53	310.24	− 1	−7
28	343.78	85.64	144.71	870.56	1125.02	339.05	78.56	309.92	+ 2	−8
29	343.89	85.94	144.82	870.85	1125.13	338.76	78.59	309.60	+ 6	−7
30	−344.01	+86.23	−144.94	+871.14	−1125.24	−338.47	+78.60	−309.28	+ 8	−4
Juli 1	344.13	86.53	145.06	871.44	1125.36	338.17	78.61	308.96	+10	−1
2	−344.26	+86.82	−145.19	+871.73	−1125.49	−337.88	+78.62	−308.64	+10	+3
Mittl. Ort	−360.22″	+78.52″	−161.13″	+863.43″	−1141.48″	−346.15″	+54.34″	−307.29″		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1944

Koordinaten der scheinbaren Örter für 12h Sternzeit Greenwich

Tag	BD +89° 1 Gr. 10m56		BD +89° 3 Gr. 9m06		BD +89° 37 Gr. 10m06		CPD −89° 38 Gr. 9m5		Kurzperiod. Nutationsgl.*)	
1944	x	y	x	y	x	y	x	y	in x Einh. 0″01	in y
Juli 2	−344.26	+86.82	−145.19	+871.73	−1125.49	−337.88	+78.62	−308.64	+10	+3
3	344.39	87.11	145.32	872.02	1125.62	337.59	78.62	308.32	+ 8	+6
4	344.53	87.40	145.46	872.31	1125.76	337.30	78.62	308.00	+ 5	+8
5	344.67	87.69	145.60	872.60	1125.90	337.01	78.61	307.68	+ 1	+9
6	344.82	87.97	145.75	872.88	1126.04	336.73	78.59	307.36	− 3	+8
7	−344.97	+88.25	−145.91	+873.16	−1126.20	−336.44	+78.57	−307.04	− 6	+5
8	345.13	88.53	146.06	873.44	1126.35	336.16	78.54	306.72	− 8	+1
9	345.29	88.81	146.23	873.72	1126.51	335.88	78.51	306.41	− 7	−4
10	345.46	89.09	146.40	874.00	1126.68	335.60	78.47	306.10	− 5	−7
11	345.63	89.37	146.57	874.28	1126.85	335.32	78.42	305.78	− 2	−9
12	−345.81	+89.64	−146.75	+874.55	−1127.03	−335.05	+78.37	−305.47	+ 2	−8
13	346.00	89.91	146.93	874.82	1127.21	334.78	78.32	305.16	+ 4	−6
14	346.19	90.18	147.12	875.09	1127.40	334.51	78.26	304.85	+ 6	−2
15	346.38	90.45	147.31	875.36	1127.59	334.24	78.19	304.54	+ 5	+2
16	346.58	90.72	147.51	875.63	1127.78	333.98	78.12	304.23	+ 3	+5
17	−346.78	+90.98	−147.71	+875.89	−1127.99	−333.72	+78.04	−303.93	0	+7
18	346.99	91.24	147.92	876.15	1128.19	333.46	77.95	303.62	− 3	+7
19	347.20	91.50	148.13	876.41	1128.40	333.20	77.86	303.32	− 6	+6
20	347.42	91.75	148.35	876.66	1128.62	332.95	77.77	303.02	− 7	+4
21	347.64	92.00	148.57	876.91	1128.84	332.70	77.67	302.73	− 8	+1
22	−347.86	+92.25	−148.80	+877.16	−1129.07	−332.45	+77.56	−302.43	− 7	−2
23	348.09	92.50	149.03	877.41	1129.30	332.20	77.45	302.14	− 6	−5
24	348.32	92.74	149.27	877.65	1129.53	331.96	77.34	301.84	− 3	−7
25	348.56	92.98	149.50	877.89	1129.77	331.72	77.22	301.56	+ 1	−8
26	348.80	93.22	149.75	878.13	1130.01	331.48	77.09	301.27	+ 4	−7
27	−349.05	+93.45	−150.00	+878.36	−1130.26	−331.25	+76.96	−300.99	+ 7	−6
28	349.30	93.68	150.25	878.59	1130.51	331.02	76.82	300.71	+10	−3
29	349.56	93.91	150.50	878.82	1130.76	330.79	76.68	300.43	+11	+1
30	349.82	94.13	150.77	879.04	1131.02	330.57	76.53	300.15	+10	+5
31	350.08	94.35	151.03	879.26	1131.28	330.35	76.37	299.88	+ 7	+8
Aug. 1	−350.35	+94.57	−151.30	+879.48	−1131.55	−330.13	+76.21	−299.61	+ 3	+9
2	350.62	94.78	151.57	879.70	1131.82	329.91	76.05	299.34	− 1	+9
3	350.89	95.00	151.84	879.91	1132.09	329.70	75.88	299.08	− 5	+7
4	351.17	95.20	152.12	880.12	1132.37	329.49	75.71	298.82	− 7	+3
5	351.45	95.41	152.40	880.33	1132.65	329.28	75.53	298.56	− 8	−2
6	−351.74	+95.61	−152.69	+880.53	−1132.94	−329.08	+75.35	−298.31	− 6	−6
7	352.03	95.81	152.98	880.73	1133.23	328.88	75.16	298.06	− 3	−8
8	−352.33	+96.00	−153.28	+880.92	−1133.52	−328.69	+74.97	−297.82	0	−9
Mittl. Ort	−360.22	+78.52	−161.13	+863.43	−1141.48	−346.15	+54.34	−307.29		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1944

Koordinaten der scheinbaren Örter für 12^h Sternzeit Greenwich

Tag	BD +89° 1 Gr. 10^m56		BD +89° 3 Gr. 9^m06		BD +89° 37 Gr. 10^m06		CPD −89° 38 Gr. 9^m5		Kurzperiod. Nutationsgl.*)	
1944	x	y	x	y	x	y	x	y	in x Einh. 0''01	in y
Aug. 8	−352''33	+ 96''00	−153''28	+880''92	−1133''52	−328''69	+74''97	−297''82	0	−9
9	352.63	96.19	153.58	881.11	1133.82	328.50	74.77	297.57	+ 3	−7
10	352.93	96.38	153.88	881.29	1134.12	328.32	74.57	297.34	+ 5	−4
11	353.24	96.56	154.19	881.47	1134.43	328.14	74.36	297.10	+ 5	0
12	353.55	96.74	154.50	881.65	1134.74	327.96	74.15	296.87	+ 4	+4
13	−353.86	+ 96.92	−154.81	+881.83	−1135.04	−327.78	+73.94	−296.64	+ 1	+6
14	354.17	97.09	155.12	882.00	1135.36	327.61	73.72	296.42	− 2	+7
15	354.49	97.26	155.44	882.17	1135.67	327.44	73.50	296.20	− 5	+7
16	354.81	97.42	155.76	882.33	1135.99	327.28	73.27	295.99	− 7	+5
17	355.13	97.58	156.08	882.49	1136.31	327.12	73.04	295.78	− 8	+2
18	−355.46	+ 97.74	−156.41	+882.64	−1136.64	−326.97	+72.80	−295.58	− 8	−1
19	355.79	97.89	156.74	882.79	1136.97	326.82	72.56	295.38	− 7	−4
20	356.12	98.04	157.07	882.94	1137.30	326.67	72.32	295.18	− 4	−6
21	356.46	98.18	157.41	883.08	1137.64	326.53	72.07	294.99	− 1	−7
22	356.80	98.32	157.75	883.22	1137.98	326.39	71.82	294.80	+ 3	−8
23	−357.13	+ 98.46	−158.09	+883.35	−1138.31	−326.26	+71.57	−294.62	+ 6	−6
24	357.48	98.59	158.43	883.48	1138.66	326.13	71.31	294.44	+ 9	−4
25	357.82	98.72	158.77	883.61	1139.00	326.00	71.05	294.27	+10	−1
26	358.17	98.84	159.12	883.73	1139.35	325.88	70.79	294.10	+10	+3
27	358.52	98.96	159.47	883.85	1139.70	325.76	70.52	293.94	+ 9	+7
28	−358.87	+ 99.07	−159.82	+883.96	−1140.05	−325.65	+70.25	−293.78	+ 5	+9
29	359.22	99.17	160.18	884.07	1140.40	325.54	69.98	293.63	+ 1	+9
30	359.58	99.27	160.54	884.17	1140.76	325.44	69.70	293.48	− 3	+8
31	359.94	99.37	160.90	884.27	1141.12	325.34	69.42	293.34	− 6	+4
Sept. 1	360.30	99.47	161.26	884.37	1141.48	325.24	69.14	293.20	− 7	0
2	−360.66	+ 99.56	−161.62	+884.46	−1141.84	−325.15	+68.86	−293.07	− 6	−5
3	361.02	99.65	161.98	884.55	1142.20	325.06	68.57	292.95	− 4	−8
4	361.39	99.73	162.35	884.63	1142.57	324.98	68.28	292.83	− 1	−9
5	361.75	99.81	162.72	884.71	1142.93	324.90	67.99	292.71	+ 2	−8
6	362.12	99.88	163.09	884.78	1143.30	324.83	67.70	292.60	+ 5	−5
7	−362.49	+ 99.95	−163.46	+884.85	−1143.67	−324.76	+67.40	−292.50	+ 5	−1
8	362.86	100.01	163.83	884.91	1144.04	324.70	67.11	292.40	+ 4	+3
9	363.23	100.07	164.20	884.97	1144.41	324.64	66.80	292.31	+ 2	+6
10	363.61	100.12	164.58	885.02	1144.79	324.59	66.50	292.23	− 1	+7
11	363.99	100.17	164.96	885.07	1145.16	324.54	66.20	292.15	− 5	+7
12	−364.36	+100.22	−165.33	+885.12	−1145.54	−324.49	+65.89	−292.07	− 7	+6
13	364.74	100.26	165.71	885.16	1145.92	324.45	65.59	292.01	− 9	+3
14	−365.12	+100.30	−166.09	+885.20	−1146.29	−324.41	+65.28	−291.94	− 9	0
Mittl. Ort	−360''22	+ 78''52	−161''13	+863''43	−1141''48	−346''15	+54''34	−307''29		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1944

Koordinaten der scheinbaren Örter für 12^{h} Sternzeit Greenwich

Tag	BD +89° 1 Gr. $10^{\mathrm{m}}.56$		BD +89° 3 Gr. $9^{\mathrm{m}}.06$		BD +89° 37 Gr. $10^{\mathrm{m}}.06$		CPD −89° 38 Gr. $9^{\mathrm{m}}.5$		Kurzperiod. Nutationsgl.*)	
1944	x	y	x	y	x	y	x	y	in x Einh. 0.″01	in y
Sept. 14	−365.″12	+100.″30	−166.″09	+885.″20	−1146.″29	−324.″41	+65.″28	−291.″94	− 9	0
15	365.50	100.33	166.47	885.23	1146.67	324.38	64.97	291.89	− 8	−3
16	365.88	100.36	166.85	885.26	1147.05	324.35	64.67	291.84	− 5	−5
17	366.26	100.38	167.23	885.28	1147.43	324.33	64.36	291.79	− 2	−7
18	366.65	100.39	167.61	885.29	1147.81	324.32	64.04	291.75	+ 1	−8
19	−367.03	+100.40	−168.00	+885.30	−1148.20	−324.31	+63.73	−291.72	+ 4	−7
20	367.41	100.41	168.38	885.31	1148.58	324.30	63.42	291.69	+ 7	−5
21	367.80	100.41	168.76	885.31	1148.97	324.30	63.10	291.67	+ 9	−2
22	368.18	100.41	169.15	885.31	1149.35	324.30	62.79	291.65	+10	+2
23	368.57	100.41	169.53	885.31	1149.74	324.30	62.47	291.64	+ 9	+5
24	−368.95	+100.40	−169.91	+885.30	−1150.12	−324.31	+62.16	−291.63	+ 7	+8
25	369.33	100.38	170.30	885.28	1150.50	324.33	61.85	291.64	+ 3	+9
26	369.72	100.36	170.68	885.26	1150.89	324.35	61.53	291.65	− 1	+9
27	370.10	100.33	171.06	885.23	1151.27	324.38	61.22	291.66	− 4	+6
28	370.48	100.30	171.45	885.20	1151.65	324.41	60.91	291.68	− 6	+2
29	−370.87	+100.26	−171.83	+885.16	−1152.04	−324.45	+60.59	−291.71	− 6	−3
30	371.25	100.22	172.22	885.12	1152.42	324.49	60.28	291.75	− 5	−6
Okt. 1	371.63	100.17	172.60	885.07	1152.80	324.54	59.97	291.79	− 2	−9
2	372.02	100.12	172.99	885.02	1153.19	324.59	59.65	291.83	+ 2	−9
3	372.40	100.07	173.37	884.97	1153.57	324.64	59.34	291.88	+ 5	−7
4	−372.78	+100.01	−173.75	+884.91	−1153.95	−324.70	+59.03	−291.94	+ 6	−3
5	373.16	99.94	174.13	884.84	1154.33	324.77	58.73	292.00	+ 6	+1
6	373.54	99.87	174.51	884.77	1154.71	324.84	58.42	292.07	+ 3	+5
7	373.91	99.80	174.89	884.70	1155.09	324.91	58.12	292.15	0	+7
8	374.29	99.72	175.27	884.62	1155.47	324.99	57.82	292.23	− 4	+8
9	−374.67	+ 99.63	−175.64	+884.53	−1155.84	−325.08	+57.52	−292.32	− 7	+7
10	375.04	99.54	176.02	884.44	1156.22	325.17	57.22	292.42	− 9	+4
11	375.42	99.45	176.40	884.35	1156.60	325.26	56.92	292.52	−10	+1
12	375.79	99.35	176.77	884.25	1156.97	325.36	56.62	292.63	− 9	−2
13	376.16	99.25	177.14	884.15	1157.34	325.46	56.33	292.74	− 7	−5
14	−376.53	+ 99.14	−177.51	+884.04	−1157.71	−325.57	+56.04	−292.86	− 4	−7
15	376.90	99.03	177.88	883.93	1158.08	325.69	55.75	292.98	0	−7
16	377.27	98.91	178.25	883.81	1158.44	325.80	55.47	293.11	+ 3	−7
17	377.64	98.79	178.62	883.69	1158.81	325.93	55.18	293.25	+ 6	−6
18	378.00	98.66	178.98	883.56	1159.17	326.06	54.90	293.39	+ 8	−3
19	−378.36	+ 98.53	−179.34	+883.43	−1159.53	−326.19	+54.62	−293.54	+ 9	0
20	378.72	98.39	179.70	883.29	1159.89	326.33	54.35	293.69	+ 9	+4
21	−379.08	+ 98.25	−180.06	+883.15	−1160.25	−326.47	+54.07	−293.85	+ 7	+7
Mittl. Ort	−360.″22	+78.″52	−161.″13	+863.″43	−1141.″48	−346.″15	+54.″34	−307.″29		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1944

Koordinaten der scheinbaren Örter für 12^h Sternzeit Greenwich

Tag	BD +89° 1 Gr. 10ᵐ56		BD +89° 3 Gr. 9ᵐ06		BD +89° 37 Gr. 10ᵐ06		CPD −89° 38 Gr. 9ᵐ5		Kurzperiod. Nutationsgl.*)	
1944	x	y	x	y	x	y	x	y	in x Einh. 0″.01	in y
Okt. 21	−379.08″	+98.25″	−180.06″	+883.15″	−1160.25″	−326.47″	+54.07″	−293.85″	+ 7	+7
22	379.44	98.10	180.42	883.01	1160.61	326.62	53.80	294.01	+ 4	+9
23	379.79	97.95	180.77	882.86	1160.96	326.77	53.54	294.18	+ 1	+9
24	380.14	97.80	181.12	882.70	1161.31	326.92	53.27	294.35	− 3	+7
25	380.49	97.64	181.47	882.54	1161.66	327.09	53.01	294.53	− 5	+4
26	−380.83	+97.47	−181.81	+882.38	−1162.00	−327.25	+52.76	−294.71	− 6	−1
27	381.18	97.30	182.16	882.21	1162.35	327.42	52.51	294.90	− 5	−5
28	381.52	97.13	182.50	882.03	1162.69	327.60	52.27	295.10	− 3	−8
29	381.86	96.95	182.84	881.85	1163.03	327.78	52.03	295.30	+ 1	−9
30	382.19	96.76	183.17	881.67	1163.36	327.97	51.79	295.50	+ 4	−8
31	−382.52	+96.57	−183.50	+881.48	−1163.69	−328.16	+51.55	−295.71	+ 6	−5
Nov. 1	382.85	96.38	183.83	881.29	1164.02	328.35	51.32	295.92	+ 7	−1
2	383.18	96.18	184.16	881.09	1164.35	328.55	51.09	296.14	+ 5	+3
3	383.50	95.98	184.48	880.89	1164.67	328.75	50.87	296.36	+ 2	+6
4	383.82	95.77	184.80	880.69	1164.99	328.96	50.65	296.59	− 2	+8
5	−384.13	+95.56	−185.11	+880.48	−1165.30	−329.17	+50.44	−296.82	− 5	+8
6	384.45	95.35	185.43	880.27	1165.62	329.38	50.23	297.06	− 8	+6
7	384.75	95.13	185.73	880.05	1165.92	329.60	50.03	297.30	−10	+3
8	385.06	94.91	186.04	879.83	1166.23	329.82	49.83	297.55	−10	−1
9	385.36	94.68	186.34	879.60	1166.53	330.05	49.64	297.80	− 8	−4
10	−385.66	+94.45	−186.64	+879.37	−1166.83	−330.28	+49.45	−298.05	− 5	−6
11	385.95	94.22	186.93	879.14	1167.12	330.51	49.27	298.31	− 2	−7
12	386.24	93.98	187.22	878.90	1167.41	330.75	49.09	298.57	+ 1	−8
13	386.53	93.74	187.51	878.66	1167.70	330.99	48.92	298.83	+ 5	−6
14	386.81	93.49	187.79	878.41	1167.98	331.24	48.75	299.10	+ 7	−4
15	−387.09	+93.24	−188.07	+878.16	−1168.26	−331.49	+48.59	−299.37	+ 9	−1
16	387.36	92.99	188.34	877.91	1168.53	331.74	48.44	299.65	+ 9	+3
17	387.63	92.73	188.61	877.65	1168.80	332.00	48.29	299.92	+ 8	+6
18	387.89	92.47	188.87	877.39	1169.06	332.26	48.15	300.21	+ 5	+8
19	388.15	92.20	189.13	877.12	1169.32	332.53	48.01	300.49	+ 1	+9
20	−388.41	+91.93	−189.39	+876.85	−1169.58	−332.80	+47.87	−300.78	− 2	+8
21	388.66	91.66	189.64	876.58	1169.83	333.07	47.74	301.07	− 5	+5
22	388.90	91.39	189.89	876.31	1170.08	333.35	47.62	301.36	− 6	+1
23	389.14	91.11	190.13	876.03	1170.32	333.62	47.51	301.65	− 6	−3
24	389.38	90.83	190.36	875.75	1170.55	333.91	47.40	301.95	− 4	−7
25	−389.61	+90.54	−190.60	+875.46	−1170.79	−334.19	+47.29	−302.25	− 1	−9
26	389.83	90.26	190.82	875.18	1171.01	334.48	47.20	302.55	+ 3	−9
27	−390.05	+89.96	−191.04	+874.88	−1171.23	−334.77	+47.11	−302.86	+ 6	−7
Mittl. Ort	−360.22″	+78.52″	−161.13″	+863.43″	−1141.48″	−346.15″	+54.34″	−307.29″		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1944

Koordinaten der scheinbaren Örter für 12^h Sternzeit Greenwich

Tag	BD +89° 1 Gr. $10^m.56$		BD +89° 3 Gr. $9^m.06$		BD +89° 37 Gr. $10^m.06$		CPD −89° 38 Gr. $9^m.5$		Kurzperiod. Nutationsgl.*)	
1944	x	y	x	y	x	y	x	y	in x Einh.	in y 0.″01
Nov. 27	−390.″05	+89.″96	−191.″04	+874.″88	−1171.″23	−334.″77	+47.″11	−302.″86	+ 6	−7
28	390.27	89.67	191.26	874.59	1171.45	335.07	47.03	303.17	+ 7	−3
29	390.48	89.37	191.47	874.29	1171.66	335.37	46.95	303.48	+ 7	+1
30	390.69	89.07	191.68	873.99	1171.87	335.67	46.88	303.79	+ 4	+5
Dez. 1	390.89	88.77	191.88	873.69	1172.07	335.97	46.81	304.10	+ 1	+7
2	−391.08	+88.46	−192.07	+873.39	−1172.26	−336.28	+46.75	−304.41	− 3	+8
3	391.27	88.15	192.26	873.08	1172.45	336.59	46.70	304.73	− 7	+7
4	391.45	87.84	192.44	872.77	1172.63	336.90	46.65	305.05	− 9	+4
5	391.63	87.53	192.62	872.46	1172.81	337.22	46.61	305.37	−10	+1
6	391.80	87.21	192.79	872.14	1172.98	337.53	46.58	305.69	− 9	−3
7	−391.97	+86.90	−192.96	+871.82	−1173.15	−337.85	+46.55	−306.01	− 7	−6
8	392.13	86.57	193.12	871.50	1173.31	338.17	46.53	306.33	− 3	−7
9	392.28	86.25	193.27	871.18	1173.46	338.50	46.52	306.66	0	−8
10	392.43	85.93	193.42	870.86	1173.61	338.82	46.51	306.98	+ 3	−7
11	392.57	85.60	193.57	870.53	1173.76	339.15	46.51	307.31	+ 7	−5
12	−392.70	+85.27	−193.70	+870.21	−1173.89	−339.48	+46.52	−307.63	+ 9	−2
13	392.83	84.94	193.83	869.88	1174.02	339.81	46.53	307.96	+ 9	+2
14	392.96	84.61	193.96	869.55	1174.15	340.14	46.55	308.29	+ 8	+5
15	393.08	84.28	194.08	869.22	1174.27	340.48	46.57	308.61	+ 6	+8
16	393.19	83.95	194.19	868.88	1174.38	340.81	46.60	308.94	+ 3	+9
17	−393.30	+83.61	−194.29	+868.55	−1174.48	−341.15	+46.64	−309.27	− 1	+9
18	393.40	83.27	194.39	868.21	1174.58	341.49	46.69	309.59	− 4	+7
19	393.49	82.93	194.48	867.87	1174.67	341.83	46.74	309.92	− 7	+3
20	393.58	82.59	194.57	867.53	1174.76	342.17	46.80	310.25	− 7	−1
21	393.66	82.25	194.65	867.19	1174.84	342.51	46.86	310.57	− 5	−5
22	−393.73	+81.91	−194.72	+866.86	−1174.91	−342.85	+46.93	−310.90	− 2	−8
23	393.80	81.57	194.79	866.52	1174.98	343.19	47.01	311.22	+ 1	−9
24	393.86	81.23	194.85	866.17	1175.04	343.54	47.09	311.54	+ 4	−7
25	393.91	80.89	194.91	865.83	1175.09	343.88	47.18	311.87	+ 7	−4
26	393.96	80.54	194.96	865.49	1175.14	344.23	47.28	312.19	+ 7	0
27	−394.00	+80.19	−195.00	+865.14	−1175.18	−344.57	+47.38	−312.50	+ 5	+4
28	394.03	79.85	195.03	864.80	1175.21	344.92	47.49	312.82	+ 3	+7
29	394.06	79.50	195.06	864.45	1175.24	345.27	47.61	313.14	− 1	+8
30	394.08	79.16	195.08	864.10	1175.26	345.62	47.73	313.46	− 5	+7
31	394.10	78.82	195.10	863.76	1175.28	345.96	47.86	313.77	− 8	+5
32	−394.11	+78.48	−195.11	+863.42	−1175.29	−346.31	+48.00	−314.08	− 9	+2
Mittl. Ort	−360.″22	+78.″52	−161.″13	+863.″43	−1141.″48	−346.″15	+54.″34	−307.″29		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Formeln

zur Reduktion auf den scheinbaren Ort

$$A = t - (0.34213 + 0.00034\,T) \sin \Omega + 0.00415 \sin 2\Omega - 0.02525 \sin 2L_\odot$$
$$+ 0.00250 \sin M_\odot - 0.00099 \sin (2L_\odot + M_\odot) + 0.00042 \sin (2L_\odot - M_\odot)$$
$$+ 0.00024 \sin (2L_\odot - \Omega) + 0.00010 \sin (2L_☾ - 2M_☾ - \Omega)$$
$$+ 0.00008 \sin (2L_\odot - 2L_☾ + 2M_☾)$$

$$A' = - 0.00405 \sin 2L_☾ + 0.00135 \sin M_☾ - 0.00067 \sin (2L_☾ - \Omega)$$
$$- 0.00052 \sin (2L_☾ + M_☾) + 0.00030 \sin (2L_☾ - 2L_\odot - M_☾)$$
$$+ 0.00022 \sin (2L_☾ - M_☾) + 0.00012 \sin (2L_☾ - 2L_\odot)$$
$$+ 0.00012 \sin (M_☾ + \Omega) + 0.00012 \sin (M_☾ - \Omega)$$
$$- 0.00010 \sin (4L_☾ - 2L_\odot - M_☾) - 0.00008 \sin (2L_☾ + M_☾ - \Omega)$$

$$B = - (9''210 + 0''001\,T) \cos \Omega + 0''090 \cos 2\Omega - 0''551 \cos 2L_\odot$$
$$- 0''022 \cos (2L_\odot + M_\odot) + 0''009 \cos (2L_\odot - M_\odot)$$
$$+ 0''007 \cos (2L_\odot - \Omega) + 0''003 \cos (2L_☾ - 2M_☾ - \Omega)$$

$$B' = - 0''089 \cos 2L_☾ - 0''018 \cos (2L_☾ - \Omega) - 0''011 \cos (2L_☾ + M_☾)$$
$$+ 0''005 \cos (2L_☾ - M_☾) + 0''003 \cos (M_☾ + \Omega) - 0''003 \cos (M_☾ - \Omega)$$
$$- 0''002 \cos (4L_☾ - 2L_\odot - M_☾) - 0''002 \cos (2L_☾ + M_☾ - \Omega)$$

$$C = - 20''47 \cos \odot \cos \varepsilon$$
$$D = - 20''47 \sin \odot$$
$$E = - (0^s0029 - 0^s0004\,T) \sin \Omega$$

T Zeit seit 1900.0 in Einheiten von 100 tropischen Jahren,
t Zeit seit Beginn des annus fictus in Bruchteilen des tropischen Jahres;
$t = 0$ für 1944 Januar 1^d4702 Welt-Zeit.

$a = m + {}^1/_{15}\, n \sin \alpha \operatorname{tg} \delta$	$a' = n \cos \alpha$
$b = {}^1/_{15} \cos \alpha \operatorname{tg} \delta$	$b' = - \sin \alpha$
$c = {}^1/_{15} \cos \alpha \sec \delta$	$c' = \operatorname{tg} \varepsilon \cos \delta - \sin \alpha \sin \delta$
$d = {}^1/_{15} \sin \alpha \sec \delta$	$d' = \cos \alpha \sin \delta$

Für 1944.0 gilt: $m = + 3^s0732$, $n = + 20''043$, $\varepsilon = 23° 26' 47''64$

$$\alpha_{\text{app.}} = \alpha_{1944.0} + t\mu_\alpha + Aa + Bb + Cc + Dd + E + [A'a + B'b]$$
$$\delta_{\text{app.}} = \delta_{1944.0} + t\mu_\delta + Aa' + Bb' + Cc' + Dd' + [A'a' + B'b']$$

μ_α, μ_δ jährliche Eigenbewegung in Rektaszension, bez. Deklination.

Setzt man

$f = mA + E$	$f' = mA'$	$i = C \operatorname{tg} \varepsilon$
$g \sin G = B$	$g' \sin G' = B'$	$h \sin H = C$
$g \cos G = nA$	$g' \cos G' = nA'$	$h \cos H = D,$

so wird:

$$\alpha_{\text{app.}} = \alpha_{1944.0} + t\mu_\alpha + f + {}^1/_{15}\, g \sin (G + \alpha) \operatorname{tg} \delta + {}^1/_{15}\, h \sin (H + \alpha) \sec \delta$$
$$+ [f' + {}^1/_{15}\, g' \sin (G' + \alpha) \operatorname{tg} \delta]$$
$$\delta_{\text{app.}} = \delta_{1944.0} + t\mu_\delta + g \cos (G + \alpha) + h \cos (H + \alpha) \sin \delta + i \cos \delta$$
$$+ [g' \cos (G' + \alpha)]$$

Tag	0ʰ Welt-Zeit								
	Sternzeit Greenw.	*t*	*f*	log *g*	*G*	log *h*	*H*	log *i*	*i*
1944	h	s	s		h m		h m		"
Jan. 0	6.6	−0.0040	−0.830	0.9158	8 43.8	1.3104	23 29.0	0.0774*n*	−1.195
1	6.6	−0.0013	0.819	0.9128	8 42.6	1.3102	23 25.3	0.1265*n*	1.338
2	6.7	+0.0015	0.809	0.9098	8 41.4	1.3100	23 21.5	0.1706*n*	1.481
3	6.8	0.0042	0.798	0.9068	8 40.2	1.3098	23 17.7	0.2103*n*	1.623
4	6.8	0.0069	0.788	0.9038	8 38.9	1.3095	23 14.0	0.2467*n*	1.765
5	6.9	0.0097	0.777	0.9008	8 37.7	1.3092	23 10.2	0.2801*n*	1.906
6	7.0	0.0124	−0.767	0.8977	8 36.5	1.3090	23 6.4	0.3109*n*	−2.046
7	7.0	0.0151	0.756	0.8946	8 35.3	1.3086	23 2.6	0.3397*n*	2.186
8	7.1	0.0179	0.746	0.8915	8 34.0	1.3083	22 58.9	0.3664*n*	2.325
9	7.2	0.0206	0.736	0.8884	8 32.8	1.3080	22 55.1	0.3916*n*	2.464
10	7.2	0.0234	0.726	0.8853	8 31.6	1.3076	22 51.3	0.4153*n*	2.602
11	7.3	0.0261	0.715	0.8821	8 30.4	1.3072	22 47.5	0.4376*n*	2.739
12	7.4	0.0288	−0.705	0.8789	8 29.2	1.3068	22 43.6	0.4586*n*	−2.875
13	7.4	0.0316	0.695	0.8756	8 28.0	1.3064	22 39.8	0.4786*n*	3.010
14	7.5	0.0343	0.685	0.8724	8 26.8	1.3059	22 36.0	0.4975*n*	3.144
15	7.6	0.0370	0.675	0.8691	8 25.6	1.3055	22 32.2	0.5155*n*	3.277
16	7.6	0.0398	0.666	0.8658	8 24.4	1.3050	22 28.3	0.5326*n*	3.409
17	7.7	0.0425	0.656	0.8625	8 23.2	1.3045	22 24.5	0.5490*n*	3.540
18	7.8	0.0453	−0.646	0.8592	8 22.0	1.3040	22 20.6	0.5647*n*	−3.670
19	7.8	0.0480	0.637	0.8559	8 20.8	1.3035	22 16.8	0.5796*n*	3.798
20	7.9	0.0507	0.627	0.8526	8 19.6	1.3030	22 12.9	0.5938*n*	3.925
21	7.9	0.0535	0.618	0.8492	8 18.5	1.3025	22 9.0	0.6076*n*	4.051
22	8.0	0.0562	0.608	0.8459	8 17.3	1.3019	22 5.1	0.6208*n*	4.176
23	8.1	0.0589	0.599	0.8425	8 16.1	1.3013	22 1.2	0.6335*n*	4.300
24	8.1	0.0617	−0.590	0.8391	8 14.9	1.3007	21 57.3	0.6456*n*	−4.422
25	8.2	0.0644	0.581	0.8357	8 13.7	1.3001	21 53.4	0.6573*n*	4.543
26	8.3	0.0672	0.572	0.8323	8 12.5	1.2995	21 49.4	0.6686*n*	4.662
27	8.3	0.0699	0.563	0.8288	8 11.4	1.2989	21 45.5	0.6794*n*	4.780
28	8.4	0.0726	0.554	0.8254	8 10.2	1.2983	21 41.6	0.6899*n*	4.897
29	8.5	0.0754	0.546	0.8220	8 9.1	1.2977	21 37.5	0.6990*n*	5.011
30	8.5	0.0781	−0.537	0.8186	8 7.9	1.2971	21 33.6	0.7095*n*	−5.123
31	8.6	0.0808	0.529	0.8151	8 6.8	1.2964	21 29.6	0.7180*n*	5.235
Febr. 1	8.7	0.0836	0.520	0.8117	8 5.7	1.2958	21 25.7	0.7279*n*	5.345
2	8.7	0.0863	0.512	0.8083	8 4.6	1.2952	21 21.7	0.7366*n*	5.453
3	8.8	0.0891	0.504	0.8049	8 3.4	1.2945	21 17.6	0.7450*n*	5.559
4	8.9	0.0918	0.496	0.8014	8 2.3	1.2938	21 13.6	0.7530*n*	5.663
5	8.9	0.0945	−0.488	0.7980	8 1.1	1.2932	21 9.6	0.7600*n*	−5.766
6	9.0	0.0973	0.480	0.7945	8 0.0	1.2925	21 5.5	0.7684*n*	5.867
7	9.1	0.1000	0.472	0.7911	7 58.8	1.2918	21 1.5	0.7757*n*	5.966
8	9.1	0.1028	0.464	0.7878	7 57.7	1.2912	20 57.4	0.7827*n*	6.063
9	9.2	0.1055	0.457	0.7844	7 56.6	1.2905	20 53.3	0.7895*n*	6.159
10	9.3	0.1082	−0.449	0.7811	7 55.5	1.2899	20 49.2	0.7960*n*	−6.252

Tag	f′	g′	G′	Allgemeine Präzession seit 1944.0	Δψ	Δψ′	Mittlere Schiefe	Δε	Δε′	j	k
	0ʰ Welt-Zeit										
1944	in 0.ˢ001	in 0.″01				in 0.″01	23° 26′		in 0.″01	in 0.001	
Jan. 0	+13	+ 9	ʰ 22.8	″ −0.20	″ −13.37	+21	″ 47.64	″ −6.22	+3	36	89
1	+10	9	21.1	−0.06	13.33	+17	47.64	6.21	+6	36	89
2	+ 5	9	19.5	+0.07	13.29	+ 9	47.64	6.19	+8	35	89
3	0	8	18.1	0.21	13.26	0	47.64	6.18	+8	35	89
4	− 5	7	16.4	0.35	13.22	− 8	47.64	6.16	+7	35	89
5	− 7	6	14.4	0.49	13.19	−12	47.64	6.15	+3	35	89
6	− 7	+ 5	11.8	+0.62	−13.16	−12	47.64	−6.13	0	35	89
7	− 6	5	9.1	0.76	13.13	− 9	47.63	6.11	−4	34	89
8	− 2	6	7.0	0.90	13.09	− 4	47.63	6.10	−6	34	89
9	+ 2	7	5.5	1.04	13.06	+ 3	47.63	6.08	−7	34	89
10	+ 6	8	4.1	1.17	13.03	+ 9	47.63	6.06	−7	34	89
11	+ 9	8	2.7	1.31	13.01	+14	47.63	6.04	−5	33	89
12	+10	+ 7	1.5	+1.45	−12.98	+17	47.63	−6.02	−3	33	88
13	+10	7	0.1	1.59	12.95	+17	47.63	6.00	0	33	88
14	+ 9	6	22.2	1.72	12.93	+14	47.63	5.98	+3	33	88
15	+ 5	6	20.2	1.86	12.90	+ 9	47.62	5.95	+5	32	88
16	+ 1	7	18.2	2.00	12.88	+ 1	47.62	5.93	+7	32	88
17	− 5	8	16.5	2.14	12.86	− 8	47.62	5.91	+7	32	88
18	−10	+ 9	15.0	+2.27	−12.84	−17	47.62	−5.89	+7	32	88
19	−14	10	13.6	2.41	12.82	−24	47.62	5.86	+4	31	88
20	−16	11	12.2	2.55	12.80	−27	47.62	5.84	+1	31	88
21	−16	11	10.8	2.69	12.78	−26	47.62	5.82	−3	31	88
22	−12	10	9.2	2.83	12.77	−20	47.62	5.79	−7	31	87
23	− 6	10	7.7	2.96	12.76	−10	47.61	5.77	−9	30	87
24	+ 1	+ 9	5.8	+3.10	−12.74	+ 1	47.61	−5.74	−9	30	87
25	+ 7	8	3.8	3.24	12.73	+11	47.61	5.72	−7	30	87
26	+11	8	1.6	3.38	12.72	+19	47.61	5.69	−3	30	87
27	+13	8	23.5	3.51	12.72	+21	47.61	5.66	+1	29	87
28	+11	9	21.7	3.65	12.71	+18	47.61	5.64	+5	29	87
29	+ 7	9	20.1	3.79	12.71	+12	47.61	5.61	+8	29	87
30	+ 2	+ 9	18.7	+3.93	−12.70	+ 4	47.60	−5.59	+9	29	86
31	− 3	7	17.1	4.06	12.70	− 4	47.60	5.56	+7	29	86
Febr. 1	− 6	6	15.2	4.20	12.70	−10	47.60	5.53	+4	28	86
2	− 7	5	12.8	4.34	12.70	−12	47.60	5.50	+1	28	86
3	− 6	5	9.5	4.48	12.71	− 9	47.60	5.48	−3	28	86
4	− 3	6	7.2	4.61	12.71	+ 5	47.60	5.45	−6	28	86
5	+ 1	+ 7	5.6	+4.75	−12.72	+ 2	47.60	−5.42	−7	27	86
6	+ 5	8	4.2	4.89	12.73	+ 9	47.60	5.40	−7	27	86
7	+ 9	8	3.0	5.03	12.74	+14	47.59	5.37	−6	27	85
8	+11	8	1.7	5.17	12.75	+17	47.59	5.34	−3	27	85
9	+11	7	0.4	5.30	12.76	+18	47.59	5.32	−1	27	85
10	+10	+ 7	22.8	+5.44	−12.78	+16	47.59	−5.29	+2	26	85

Reduktionsgrößen 1944

Tag	0^h Welt-Zeit								
	Sternzeit Greenw.	*t*	*f*	log *g*	*G*	log *h*	*H*	log *i*	*i*
1944	h	a	s		h m		h m		"
Febr. 10	9.3	0.1082	—0.449	0.7811	7 55.5	1.2899	20 49.2	0.7960*n*	—6.252
11	9.3	0.1110	0.442	0.7777	7 54.3	1.2892	20 45.1	0.8023*n*	6.343
12	9.4	0.1137	0.435	0.7743	7 53.2	1.2886	20 41.0	0.8084*n*	6.433
13	9.5	0.1164	0.428	0.7709	7 52.0	1.2879	20 36.9	0.8142*n*	6.520
14	9.5	0.1192	0.420	0.7676	7 50.9	1.2873	20 32.8	0.8199*n*	6.605
15	9.6	0.1219	0.413	0.7644	7 49.8	1.2866	20 28.6	0.8253*n*	6.688
16	9.7	0.1247	—0.406	0.7612	7 48.7	1.2860	20 24.5	0.8305*n*	—6.769
17	9.7	0.1274	0.399	0.7580	7 47.6	1.2854	20 20.3	0.8355*n*	6.847
18	9.8	0.1301	0.393	0.7548	7 46.5	1.2847	20 16.1	0.8404*n*	6.924
19	9.9	0.1329	0.386	0.7516	7 45.3	1.2841	20 11.9	0.8450*n*	6.998
20	9.9	0.1356	0.380	0.7484	7 44.2	1.2835	20 7.7	0.8495*n*	7.071
21	10.0	0.1383	0.373	0.7453	7 43.0	1.2829	20 3.5	0.8538*n*	7.141
22	10.1	0.1411	—0.367	0.7423	7 41.9	1.2824	19 59.3	0.8579*n*	—7.209
23	10.1	0.1438	0.360	0.7393	7 40.7	1.2818	19 55.1	0.8618*n*	7.274
24	10.2	0.1466	0.354	0.7363	7 39.6	1.2813	19 50.8	0.8655*n*	7.337
25	10.2	0.1493	0.348	0.7333	7 38.4	1.2807	19 46.6	0.8691*n*	7.398
26	10.3	0.1520	0.342	0.7304	7 37.3	1.2802	19 42.4	0.8726*n*	7.457
27	10.4	0.1548	0.336	0.7275	7 36.1	1.2797	19 38.1	0.8758*n*	7.513
28	10.4	0.1575	—0.330	0.7246	7 35.0	1.2792	19 33.8	0.8789*n*	—7.567
29	10.5	0.1602	0.324	0.7218	7 33.8	1.2787	19 29.6	0.8819*n*	7.619
März 1	10.6	0.1630	0.318	0.7191	7 32.6	1.2783	19 25.3	0.8847*n*	7.668
2	10.6	0.1657	0.312	0.7164	7 31.4	1.2778	19 21.0	0.8873*n*	7.715
3	10.7	0.1685	0.307	0.7137	7 30.2	1.2774	19 16.7	0.8898*n*	7.759
4	10.8	0.1712	0.301	0.7111	7 29.0	1.2770	19 12.4	0.8922*n*	7.801
5	10.8	0.1739	—0.295	0.7086	7 27.8	1.2767	19 8.1	0.8944*n*	—7.841
6	10.9	0.1767	0.290	0.7061	7 26.6	1.2763	19 3.8	0.8964*n*	7.878
7	11.0	0.1794	0.284	0.7037	7 25.3	1.2760	18 59.5	0.8983*n*	7.913
8	11.0	0.1822	0.279	0.7013	7 24.0	1.2757	18 55.2	0.9001*n*	7.946
9	11.1	0.1849	0.273	0.6990	7 22.7	1.2754	18 50.8	0.9018*n*	7.976
10	11.2	0.1876	0.268	0.6968	7 21.5	1.2751	18 46.5	0.9033*n*	8.003
11	11.2	0.1904	—0.263	0.6946	7 20.2	1.2748	18 42.2	0.9046*n*	—8.028
12	11.3	0.1931	0.257	0.6926	7 18.9	1.2746	18 37.9	0.9058*n*	8.051
13	11.4	0.1958	0.252	0.6906	7 17.6	1.2744	18 33.5	0.9069*n*	8.071
14	11.4	0.1986	0.247	0.6885	7 16.3	1.2743	18 29.2	0.9079*n*	8.089
15	11.5	0.2013	0.241	0.6865	7 14.9	1.2741	18 24.8	0.9088*n*	8.105
16	11.6	0.2041	0.236	0.6846	7 13.5	1.2740	18 20.5	0.9094*n*	8.118
17	11.6	0.2068	—0.231	0.6828	7 12.1	1.2739	18 16.2	0.9100*n*	—8.128
18	11.7	0.2095	0.226	0.6811	7 10.7	1.2738	18 11.8	0.9104*n*	8.136
19	11.8	0.2123	0.221	0.6794	7 9.3	1.2737	18 7.5	0.9107*n*	8.141
20	11.8	0.2150	0.215	0.6778	7 7.9	1.2737	18 3.2	0.9108*n*	8.143
21	11.9	0.2177	0.210	0.6763	7 6.4	1.2737	17 58.8	0.9108*n*	8.144
22	12.0	0.2205	—0.205	0.6749	7 4.9	1.2737	17 54.5	0.9108*n*	—8.143

Tag	0h Welt-Zeit										
	f′	g′	G′	Allgemeine Präzession seit 1944.0	Δψ	Δψ′	Mittlere Schiefe	Δε	Δε′	j	k
1944	in 0.001 s	in 0.01 "	h	"	"	in 0.01 "	23° 26′ "	"	in 0.01 "	in 0.001	
Febr. 10	+10	+ 7	22.8	+ 5.44	−12.78	+16	47.59	−5.29	+2	26	85
11	+ 7	6	20.8	5.58	12.80	+11	47.59	5.26	+5	26	85
12	+ 2	7	18.9	5.72	12.81	+ 4	47.59	5.24	+7	26	85
13	− 3	7	17.1	5.85	12.83	− 4	47.59	5.21	+7	26	85
14	− 8	9	15.5	5.99	12.85	−13	47.59	5.18	+7	26	85
15	−13	10	14.1	6.13	12.88	−21	47.58	5.16	+5	25	84
16	−16	+10	12.7	+ 6.27	−12.90	−26	47.58	−5.13	+2	25	84
17	−16	11	11.4	6.40	12.93	−27	47.58	5.11	−2	25	84
18	−14	11	9.9	6.54	12.96	−23	47.58	5.08	−6	25	84
19	− 9	10	8.5	6.68	12.99	−15	47.58	5.06	−8	25	84
20	− 3	9	6.9	6.82	13.02	− 5	47.58	5.03	−9	24	84
21	+ 4	8	4.9	6.95	13.05	+ 6	47.58	5.01	−8	24	84
22	+ 9	+ 7	2.7	+ 7.09	−13.08	+14	47.58	−4.99	−5	24	84
23	+11	8	0.3	7.23	13.11	+19	47.57	4.96	−1	24	84
24	+11	8	22.1	7.37	13.15	+18	47.57	4.94	+4	24	83
25	+ 8	9	20.4	7.50	13.19	+13	47.57	4.92	+7	24	83
26	+ 3	9	18.9	7.64	13.22	+ 6	47.57	4.90	+9	24	83
27	− 2	8	17.4	7.78	13.26	− 3	47.57	4.88	+8	23	83
28	− 6	+ 7	15.9	+ 7.92	−13.30	− 9	47.57	−4.86	+6	23	83
29	− 7	5	13.7	8.06	13.35	−12	47.57	4.84	+2	23	83
März 1	− 6	5	10.5	8.19	13.39	−11	47.57	4.82	−2	23	83
2	− 4	5	7.7	8.33	13.43	− 6	47.56	4.80	−5	23	83
3	+ 1	7	5.8	8.47	13.47	+ 1	47.56	4.78	−7	23	83
4	+ 5	8	4.3	8.61	13.52	+ 9	47.56	4.76	−7	23	83
5	+ 9	+ 9	3.1	+ 8.74	−13.57	+15	47.56	−4.74	−6	22	83
6	+11	8	1.9	8.88	13.61	+18	47.56	4.73	−4	22	82
7	+12	8	0.7	9.02	13.66	+20	47.56	4.71	−1	22	82
8	+11	7	23.2	9.16	13.71	+18	47.56	4.69	+2	22	82
9	+ 8	7	21.5	9.29	13.76	+13	47.55	4.68	+4	22	82
10	+ 4	7	19.6	9.43	13.81	+ 7	47.55	4.66	+6	22	82
11	0	+ 7	17.8	+ 9.57	−13.86	− 1	47.55	−4.65	+7	22	82
12	− 6	8	16.1	9.71	13.91	− 9	47.55	4.64	+7	22	82
13	−11	9	14.6	9.84	13.96	−17	47.55	4.62	+6	21	82
14	−14	9	13.1	9.98	14.01	−23	47.55	4.61	+3	21	82
15	−15	10	11.7	10.12	14.06	−25	47.55	4.60	−1	21	82
16	−14	10	10.4	10.26	14.11	−24	47.55	4.59	−4	21	82
17	−11	+10	9.0	+10.39	−14.17	−18	47.54	−4.58	−7	21	82
18	− 5	9	7.4	10.53	14.22	− 9	47.54	4.57	−9	21	82
19	+ 1	8	5.8	10.67	14.27	+ 1	47.54	4.56	−8	21	82
20	+ 6	7	3.7	10.81	14.33	+10	47.54	4.56	−6	21	82
21	+10	7	1.2	10.95	14.38	+16	47.54	4.55	−2	21	82
22	+10	+ 7	22.8	+11.08	−14.43	+17	47.54	−4.54	+2	21	82

Reduktionsgrößen 1944

Tag	0h Welt-Zeit								
	Sternzeit Greenw.	*t*	*f*	log *g*	*G*	log *h*	*H*	log *i*	*i*
1944	h	s	"		h m		h m		"
März 22	12.0	0.2205	−0.205	0.6749	7 4.9	1.2737	17 54.5	0.9108*n*	−8.143
23	12.0	0.2232	0.200	0.6735	7 3.4	1.2738	17 50.2	0.9106*n*	8.139
24	12.1	0.2260	0.195	0.6722	7 1.9	1.2738	17 45.9	0.9102*n*	8.132
25	12.2	0.2287	0.189	0.6709	7 0.3	1.2739	17 41.6	0.9097*n*	8.123
26	12.2	0.2314	0.184	0.6698	6 58.8	1.2741	17 37.2	0.9091*n*	8.111
27	12.3	0.2342	0.179	0.6687	6 57.2	1.2742	17 32.9	0.9083*n*	8.097
28	12.4	0.2369	−0.174	0.6677	6 55.6	1.2744	17 28.6	0.9075*n*	−8.081
29	12.4	0.2396	0.168	0.6667	6 54.0	1.2745	17 24.3	0.9064*n*	8.062
30	12.5	0.2424	0.163	0.6658	6 52.3	1.2747	17 20.0	0.9053*n*	8.041
31	12.5	0.2451	0.158	0.6650	6 50.6	1.2750	17 15.8	0.9040*n*	8.017
April 1	12.6	0.2479	0.152	0.6642	6 48.9	1.2752	17 11.5	0.9026*n*	7.991
2	12.7	0.2506	0.147	0.6636	6 47.2	1.2755	17 7.2	0.9010*n*	7.962
3	12.7	0.2533	−0.141	0.6631	6 45.5	1.2758	17 3.0	0.8994*n*	−7.932
4	12.8	0.2561	0.136	0.6626	6 43.7	1.2761	16 58.7	0.8976*n*	7.899
5	12.9	0.2588	0.130	0.6622	6 41.9	1.2764	16 54.5	0.8956*n*	7.863
6	12.9	0.2616	0.125	0.6618	6 40.1	1.2768	16 50.2	0.8935*n*	7.826
7	13.0	0.2643	0.119	0.6616	6 38.3	1.2772	16 46.0	0.8913*n*	7.786
8	13.1	0.2670	0.113	0.6614	6 36.4	1.2776	16 41.8	0.8890*n*	7.744
9	13.1	0.2698	−0.108	0.6613	6 34.5	1.2780	16 37.6	0.8865*n*	−7.700
10	13.2	0.2725	0.102	0.6612	6 32.6	1.2784	16 33.4	0.8838*n*	7.653
11	13.3	0.2752	0.096	0.6612	6 30.7	1.2789	16 29.2	0.8810*n*	7.604
12	13.3	0.2780	0.090	0.6612	6 28.7	1.2793	16 25.1	0.8781*n*	7.553
13	13.4	0.2807	0.084	0.6614	6 26.7	1.2798	16 20.9	0.8751*n*	7.500
14	13.5	0.2835	0.078	0.6616	6 24.7	1.2803	16 16.7	0.8710*n*	7.445
15	13.5	0.2862	−0.072	0.6619	6 22.7	1.2808	16 12.6	0.8685*n*	−7.387
16	13.6	0.2889	0.066	0.6622	6 20.6	1.2814	16 8.5	0.8650*n*	7.328
17	13.7	0.2917	0.059	0.6626	6 18.5	1.2819	16 4.4	0.8613*n*	7.266
18	13.7	0.2944	0.053	0.6631	6 16.4	1.2824	16 0.3	0.8575*n*	7.202
19	13.8	0.2971	0.047	0.6636	6 14.3	1.2830	15 56.2	0.8535*n*	7.136
20	13.9	0.2999	0.040	0.6642	6 12.2	1.2836	15 52.1	0.8493*n*	7.068
21	13.9	0.3026	−0.034	0.6649	6 10.1	1.2841	15 48.1	0.8450*n*	−6.998
22	14.0	0.3054	0.027	0.6656	6 7.9	1.2847	15 44.0	0.8405*n*	6.926
23	14.1	0.3081	0.020	0.6664	6 5.7	1.2853	15 40.0	0.8358*n*	6.852
24	14.1	0.3108	0.013	0.6673	6 3.5	1.2859	15 36.0	0.8310*n*	6.776
25	14.2	0.3136	−0.006	0.6682	6 1.3	1.2865	15 31.9	0.8259*n*	6.698
26	14.3	0.3163	+0.001	0.6692	5 59.0	1.2871	15 28.0	0.8207*n*	6.618
27	14.3	0.3190	+0.008	0.6702	5 56.8	1.2878	15 24.0	0.8154*n*	−6.537
28	14.4	0.3218	0.015	0.6713	5 54.5	1.2884	15 20.0	0.8098*n*	6.454
29	14.5	0.3245	0.022	0.6724	5 52.2	1.2890	15 16.1	0.8041*n*	6.369
30	14.5	0.3273	0.029	0.6736	5 49.9	1.2897	15 12.1	0.7981*n*	6.282
Mai 1	14.6	0.3300	0.037	0.6749	5 47.6	1.2903	15 8.2	0.7919*n*	6.193
2	14.7	0.3327	+0.044	0.6762	5 45.3	1.2909	15 4.3	0.7855*n*	−6.103

Tag	0h Welt-Zeit										
	f'	g'	G'	Allgemeine Präzession seit 1944.0	Δψ	Δψ'	Mittlere Schiefe	Δε	Δε'	j	k
1944	s in 0.001	" in 0.01	h	"	"	" in 0.01	23° 26' "	"	" in 0.01	in 0.001	
März 22	+10	+ 7	22.8	+11.08	−14.43	+17	47.54	−4.54	+2	21	82
23	+ 8	8	20.8	11.22	14.48	+14	47.54	4.54	+6	21	82
24	+ 4	9	19.1	11.36	14.54	+ 7	47.54	4.53	+9	21	82
25	− 1	9	17.7	11.50	14.59	− 2	47.53	4.53	+9	21	82
26	− 5	8	16.2	11.63	14.64	− 9	47.53	4.52	+7	20	82
27	− 8	6	14.3	11.77	14.69	−13	47.53	4.52	+4	20	82
28	− 8	+ 5	11.6	+11.91	−14.74	−13	47.53	−4.52	−1	20	82
29	− 5	5	8.6	12.05	14.80	− 9	47.53	4.51	−4	20	82
30	− 1	7	6.4	12.18	14.85	− 2	47.53	4.51	−7	20	82
31	+ 4	8	4.8	12.32	14.90	+ 6	47.53	4.51	−8	20	82
April 1	+ 8	9	3.5	12.46	14.95	+13	47.53	4.51	−7	20	82
2	+11	9	2.3	12.60	15.00	+19	47.52	4.51	−5	20	82
3	+13	+ 9	1.0	+12.73	−15.04	+21	47.52	−4.51	−2	20	82
4	+12	8	23.6	12.87	15.09	+20	47.52	4.52	+1	20	82
5	+10	7	22.0	13.01	15.14	+16	47.52	4.52	+4	20	83
6	+ 6	7	20.3	13.15	15.18	+10	47.52	4.52	+6	20	83
7	+ 1	7	18.5	13.29	15.23	+ 2	47.52	4.52	+7	20	83
8	− 4	8	16.8	13.42	15.27	− 6	47.52	4.53	+7	20	83
9	− 9	+ 8	15.1	+13.56	−15.32	−14	47.52	−4.53	+6	20	83
10	−12	9	13.6	13.70	15.36	−20	47.51	4.54	+4	20	83
11	−14	9	12.1	13.84	15.40	−24	47.51	4.54	0	20	83
12	−14	10	10.6	13.97	15.44	−23	47.51	4.55	−3	20	83
13	−11	10	9.2	14.11	15.48	−19	47.51	4.55	−7	20	83
14	− 7	10	7.8	14.25	15.52	−11	47.51	4.56	−9	20	83
15	− 1	+ 9	6.2	+14.39	−15.56	− 1	47.51	−4.57	−9	20	83
16	+ 5	8	4.4	14.52	15.59	+ 8	47.51	4.58	−7	20	83
17	+ 9	7	2.2	14.66	15.63	+14	47.50	4.58	−4	20	84
18	+10	7	23.7	14.80	15.66	+17	47.50	4.59	+1	20	84
19	+ 9	7	21.4	14.94	15.69	+14	47.50	4.60	+5	20	84
20	+ 5	8	19.5	15.07	15.73	+ 8	47.50	4.61	+8	20	84
21	0	+ 9	18.0	+15.21	−15.76	0	47.50	−4.62	+9	20	84
22	− 5	8	16.6	15.35	15.78	− 8	47.50	4.63	+8	20	84
23	− 8	7	14.9	15.49	15.81	−14	47.50	4.64	+5	20	84
24	− 9	6	12.8	15.62	15.84	−15	47.50	4.65	+1	20	84
25	− 7	5	9.9	15.76	15.86	−12	47.49	4.66	−3	20	84
26	− 3	6	7.4	15.90	15.89	− 6	47.49	4.67	−6	20	85
27	+ 1	+ 8	5.5	+16.04	−15.91	+ 3	47.49	−4.68	−8	20	85
28	+ 7	9	4.0	16.18	15.93	+11	47.49	4.69	−8	20	85
29	+10	9	2.7	16.31	15.95	+17	47.49	4.70	−6	21	85
30	+13	9	1.4	16.45	15.96	+21	47.49	4.71	−3	21	85
Mai 1	+13	8	0.1	16.59	15.98	+21	47.49	4.72	0	21	85
2	+11	+ 8	22.5	+16.73	−16.00	+18	47.49	−4.74	+3	21	85

Tag		0h Welt-Zeit								
		Sternzeit Greenw.	t	f	log g	G	log h	H	log i	i
1944		h	a	s		h m		h m		"
Mai	2	14.7	0.3327	+0.044	0.6762	5 45.3	1.2909	15 4.3	0.7855n	−6.103
	3	14.7	0.3355	0.052	0.6776	5 43.0	1.2916	15 0.4	0.7789n	6.011
	4	14.8	0.3382	0.060	0.6790	5 40.6	1.2922	14 56.5	0.7721n	5.917
	5	14.8	0.3410	0.068	0.6804	5 38.2	1.2928	14 52.6	0.7650n	5.821
	6	14.9	0.3437	0.075	0.6819	5 35.8	1.2934	14 48.8	0.7577n	5.724
	7	15.0	0.3464	0.083	0.6834	5 33.4	1.2941	14 44.9	0.7502n	5.626
	8	15.0	0.3492	+0.091	0.6849	5 31.0	1.2947	14 41.1	0.7423n	−5.525
	9	15.1	0.3519	0.100	0.6865	5 28.6	1.2953	14 37.3	0.7342n	5.423
	10	15.2	0.3546	0.108	0.6881	5 26.2	1.2959	14 33.5	0.7259n	5.320
	11	15.2	0.3574	0.116	0.6898	5 23.8	1.2965	14 29.7	0.7173n	5.216
	12	15.3	0.3601	0.124	0.6915	5 21.3	1.2972	14 25.9	0.7084n	5.110
	13	15.4	0.3629	0.133	0.6932	5 18.9	1.2977	14 22.1	0.6991n	5.002
	14	15.4	0.3656	+0.141	0.6950	5 16.5	1.2983	14 18.3	0.6896n	−4.893
	15	15.5	0.3683	0.150	0.6968	5 14.1	1.2989	14 14.6	0.6797n	4.783
	16	15.6	0.3711	0.159	0.6987	5 11.6	1.2995	14 10.8	0.6694n	4.671
	17	15.6	0.3738	0.167	0.7006	5 9.1	1.3001	14 7.1	0.6588n	4.558
	18	15.7	0.3765	0.176	0.7025	5 6.6	1.3007	14 3.4	0.6478n	4.444
	19	15.8	0.3793	0.185	0.7045	5 4.1	1.3012	13 59.7	0.6364n	4.329
	20	15.8	0.3820	+0.194	0.7065	5 1.7	1.3017	13 56.0	0.6246n	−4.213
	21	15.9	0.3848	0.203	0.7085	4 59.2	1.3023	13 52.3	0.6123n	4.095
	22	16.0	0.3875	0.212	0.7105	4 56.7	1.3028	13 48.7	0.5994n	3.976
	23	16.0	0.3902	0.222	0.7125	4 54.2	1.3033	13 45.0	0.5861n	3.856
	24	16.1	0.3930	0.231	0.7146	4 51.7	1.3038	13 41.4	0.5723n	3.735
	25	16.2	0.3957	0.240	0.7167	4 49.3	1.3043	13 37.7	0.5579n	3.613
	26	16.2	0.3984	+0.250	0.7188	4 46.8	1.3047	13 34.1	0.5428n	−3.490
	27	16.3	0.4012	0.259	0.7209	4 44.3	1.3052	13 30.4	0.5271n	3.366
	28	16.4	0.4039	0.269	0.7231	4 41.8	1.3056	13 26.8	0.5107n	3.241
	29	16.4	0.4067	0.279	0.7253	4 39.3	1.3060	13 23.2	0.4936n	3.116
	30	16.5	0.4094	0.288	0.7275	4 36.9	1.3064	13 19.6	0.4757n	2.990
	31	16.6	0.4121	0.298	0.7297	4 34.4	1.3068	13 16.0	0.4568n	2.863
Juni	1	16.6	0.4149	+0.308	0.7320	4 31.9	1.3072	13 12.4	0.4370n	−2.735
	2	16.7	0.4176	0.318	0.7342	4 29.4	1.3076	13 8.9	0.4160n	2.606
	3	16.8	0.4204	0.328	0.7364	4 27.0	1.3079	13 5.3	0.3939n	2.477
	4	16.8	0.4231	0.338	0.7386	4 24.5	1.3083	13 1.7	0.3705n	2.347
	5	16.9	0.4258	0.348	0.7409	4 22.1	1.3086	12 58.2	0.3456n	2.216
	6	17.0	0.4286	0.358	0.7431	4 19.6	1.3089	12 54.6	0.3189n	2.084
	7	17.0	0.4313	+0.368	0.7454	4 17.2	1.3091	12 51.1	0.2907n	−1.953
	8	17.1	0.4340	0.378	0.7477	4 14.8	1.3094	12 47.5	0.2603n	1.821
	9	17.1	0.4368	0.388	0.7500	4 12.4	1.3096	12 44.0	0.2276n	1.689
	10	17.2	0.4395	0.398	0.7522	4 9.9	1.3099	12 40.5	0.1920n	1.556
	11	17.3	0.4423	0.408	0.7545	4 7.5	1.3101	12 37.0	0.1529n	1.422
	12	17.3	0.4450	+0.418	0.7568	4 5.1	1.3103	12 33.4	0.1096n	−1.287

Tag	f'	g'	G'	Allgemeine Präzession seit 1944.0	$\Delta\psi$	$\Delta\psi'$	Mittlere Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$	j	k
	0ʰ Welt-Zeit										
1944	s in 0.001	" in 0.01	h	"	"	" in 0.01	23° 26′ "	"	" in 0.01	in 0.001	
Mai 2	+11	+ 8	22.5	+16.73	−16.00	+18	47.49	−4.74	+3	21	85
3	+ 8	7	20.9	16.86	16.01	+13	47.48	4.75	+5	21	85
4	+ 3	7	19.0	17.00	16.02	+ 5	47.48	4.76	+7	21	85
5	− 2	8	17.2	17.14	16.03	− 4	47.48	4.77	+8	21	86
6	− 7	8	15.6	17.28	16.04	−12	47.48	4.78	+6	21	86
7	−11	9	14.0	17.41	16.05	−19	47.48	4.79	+4	21	86
8	−14	+ 9	12.5	+17.55	−16.06	−22	47.48	−4.80	+1	21	86
9	−14	9	11.1	17.69	16.06	−23	47.48	4.81	−2	21	86
10	−12	9	9.6	17.83	16.06	−19	47.48	4.82	−6	21	86
11	− 7	9	8.0	17.96	16.07	−12	47.47	4.84	−8	21	86
12	− 2	9	6.5	18.10	16.07	− 3	47.47	4.85	−9	21	86
13	+ 4	8	4.8	18.24	16.07	+ 7	47.47	4.86	−8	22	87
14	+ 8	+ 7	2.7	+18.38	−16.07	+14	47.47	−4.87	−5	22	87
15	+11	7	0.4	18.51	16.06	+17	47.47	4.88	−1	22	87
16	+10	7	22.1	18.65	16.06	+16	47.47	4.89	+3	22	87
17	+ 7	8	20.2	18.79	16.05	+11	47.47	4.90	+7	22	87
18	+ 2	9	18.5	18.93	16.04	+ 3	47.47	4.91	+9	22	87
19	− 3	9	17.0	19.07	16.03	− 6	47.46	4.91	+8	22	87
20	− 8	+ 8	15.4	+19.20	−16.02	−13	47.46	−4.92	+6	22	87
21	−10	7	13.5	19.34	16.01	−16	47.46	4.93	+3	22	87
22	− 9	6	11.1	19.48	16.00	−14	47.46	4.94	−1	22	88
23	− 6	6	8.6	19.62	15.99	−10	47.46	4.95	−5	23	88
24	− 1	7	6.4	19.75	15.97	− 2	47.46	4.96	−7	23	88
25	+ 4	8	4.7	19.89	15.96	+ 7	47.46	4.96	−8	23	88
26	+ 9	+ 9	3.3	+20.03	−15.94	+14	47.45	−4.97	−7	23	88
27	+12	9	1.9	20.17	15.92	+19	47.45	4.98	−4	23	88
28	+13	9	0.6	20.30	15.90	+21	47.45	4.98	−1	23	88
29	+12	8	23.1	20.44	15.88	+19	47.45	4.99	+2	23	88
30	+ 9	8	21.3	20.58	15.86	+15	47.45	4.99	+5	23	88
31	+ 4	7	19.6	20.72	15.84	+ 7	47.45	5.00	+7	23	88
Juni 1	− 1	+ 8	17.8	+20.85	−15.82	− 1	47.45	−5.00	+8	24	88
2	− 6	8	16.0	20.99	15.79	−10	47.45	5.01	+7	24	89
3	−11	9	14.5	21.13	15.77	−18	47.44	5.01	+5	24	89
4	−14	9	13.0	21.27	15.74	−22	47.44	5.01	+2	24	89
5	−14	9	11.5	21.40	15.72	−24	47.44	5.01	−1	24	89
6	−13	10	10.0	21.54	15.69	−21	47.44	5.01	−5	24	89
7	− 9	+10	8.5	+21.68	−15.66	−14	47.44	−5.01	−8	24	89
8	− 3	9	6.8	21.82	15.64	− 5	47.44	5.01	−9	24	89
9	+ 3	9	5.1	21.96	15.61	+ 5	47.44	5.01	−8	25	89
10	+ 8	8	3.2	22.09	15.58	+13	47.44	5.01	−6	25	89
11	+11	7	1.0	22.23	15.55	+18	47.43	5.01	−2	25	89
12	+11	+ 8	22.9	+22.37	−15.52	+19	47.43	−5.01	+2	25	89

Tag	0h Welt-Zeit								
	Stern-zeit Greenw.	t	f	log g	G	log h	H	log i	i
1944	h	s	s		h m		h m		"
Juni 12	17.3	0.4450	+0.418	0.7568	4 5.1	1.3103	12 33.4	0.1096$_n$	−1.287
13	17.4	0.4477	0.429	0.7591	4 2.8	1.3104	12 29.9	0.0618$_n$	1.153
14	17.5	0.4505	0.439	0.7615	4 0.4	1.3106	12 26.4	0.0082$_n$	1.019
15	17.5	0.4532	0.449	0.7638	3 58.0	1.3107	12 22.9	9.9465$_n$	0.884
16	17.6	0.4559	0.460	0.7661	3 55.6	1.3108	12 19.4	9.8745$_n$	0.749
17	17.7	0.4587	0.470	0.7684	3 53.3	1.3109	12 15.9	9.7875$_n$	0.613
18	17.7	0.4614	+0.480	0.7707	3 51.0	1.3110	12 12.4	9.6794$_n$	−0.478
19	17.8	0.4642	0.491	0.7730	3 48.7	1.3111	12 8.9	9.5353$_n$	0.343
20	17.9	0.4669	0.501	0.7753	3 46.3	1.3111	12 5.4	9.3181$_n$	0.208
21	17.9	0.4696	0.511	0.7776	3 44.0	1.3111	12 1.9	8.8573$_n$	−0.072
22	18.0	0.4724	0.522	0.7799	3 41.7	1.3111	11 58.3	8.8062	+0.064
23	18.1	0.4751	0.532	0.7822	3 39.4	1.3111	11 54.8	9.2989	0.199
24	18.1	0.4778	+0.543	0.7845	3 37.1	1.3111	11 51.3	9.5250	+0.335
25	18.2	0.4806	0.553	0.7868	3 34.9	1.3110	11 47.8	9.6721	0.470
26	18.3	0.4833	0.563	0.7891	3 32.6	1.3109	11 44.3	9.7825	0.606
27	18.3	0.4861	0.574	0.7913	3 30.4	1.3108	11 40.8	9.8698	0.741
28	18.4	0.4888	0.584	0.7935	3 28.2	1.3107	11 37.3	9.9425	0.876
29	18.5	0.4915	0.594	0.7957	3 26.0	1.3106	11 33.8	0.0048	1.011
30	18.5	0.4943	+0.604	0.7980	3 23.8	1.3105	11 30.3	0.0588	+1.145
Juli 1	18.6	0.4970	0.615	0.8002	3 21.6	1.3103	11 26.8	0.1069	1.279
2	18.7	0.4997	0.625	0.8024	3 19.4	1.3101	11 23.3	0.1498	1.412
3	18.7	0.5025	0.635	0.8046	3 17.2	1.3099	11 19.8	0.1889	1.545
4	18.8	0.5052	0.645	0.8068	3 15.1	1.3097	11 16.3	0.2248	1.678
5	18.9	0.5080	0.655	0.8090	3 13.0	1.3094	11 12.7	0.2579	1.811
6	18.9	0.5107	+0.665	0.8112	3 10.9	1.3092	11 9.2	0.2885	+1.943
7	19.0	0.5134	0.675	0.8133	3 8.8	1.3089	11 5.7	0.3168	2.074
8	19.1	0.5162	0.685	0.8155	3 6.7	1.3086	11 2.1	0.3434	2.205
9	19.1	0.5189	0.695	0.8176	3 4.6	1.3083	10 58.6	0.3683	2.335
10	19.2	0.5217	0.705	0.8197	3 2.5	1.3079	10 55.0	0.3916	2.464
11	19.3	0.5244	0.715	0.8218	3 0.5	1.3076	10 51.5	0.4138	2.593
12	19.3	0.5271	+0.725	0.8239	2 58.5	1.3072	10 47.9	0.4347	+2.721
13	19.4	0.5299	0.735	0.8259	2 56.5	1.3069	10 44.4	0.4545	2.848
14	19.4	0.5326	0.745	0.8280	2 54.5	1.3065	10 40.8	0.4735	2.975
15	19.5	0.5353	0.754	0.8300	2 52.5	1.3061	10 37.2	0.4915	3.101
16	19.6	0.5381	0.764	0.8321	2 50.6	1.3057	10 33.6	0.5087	3.226
17	19.6	0.5408	0.773	0.8341	2 48.7	1.3052	10 30.0	0.5250	3.350
18	19.7	0.5436	+0.783	0.8361	2 46.7	1.3048	10 26.4	0.5407	+3.473
19	19.8	0.5463	0.792	0.8381	2 44.8	1.3043	10 22.8	0.5558	3.596
20	19.8	0.5490	0.802	0.8401	2 42.9	1.3039	10 19.2	0.5702	3.717
21	19.9	0.5518	0.811	0.8421	2 41.1	1.3034	10 15.6	0.5840	3.837
22	20.0	0.5545	0.820	0.8441	2 39.2	1.3029	10 11.9	0.5973	3.956
23	20.0	0.5572	+0.829	0.8460	2 37.4	1.3023	10 8.3	0.6101	+4.075

Tag	0^h Welt-Zeit										
	f'	g'	G'	Allgemeine Präzession seit 1944.0	$\Delta\psi$	$\Delta\psi'$	Mittlere Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$	j	k
1944	s in 0.001	" in 0.01	h	"	"	" in 0.01	23° 26′ "	"	" in 0.01	in 0.001	
Juni 12	+11	+ 8	22.9	+22.37	−15.52	+19	47.43	−5.01	+2	25	89
13	+ 9	8	20.9	22.51	15.49	+14	47.43	5.01	+6	25	89
14	+ 4	9	19.2	22.64	15.46	+ 7	47.43	5.01	+8	25	89
15	− 1	8	17.6	22.78	15.43	− 2	47.43	5.00	+8	25	89
16	− 6	8	16.0	22.92	15.40	−10	47.43	5.00	+7	25	89
17	− 9	7	14.1	23.06	15.36	−15	47.43	4.99	+4	26	89
18	− 9	+ 6	12.1	+23.19	−15.33	−15	47.43	−4.99	0	26	89
19	− 7	6	9.3	23.33	15.30	−11	47.42	4.98	−4	26	89
20	− 3	7	7.1	23.47	15.27	− 5	47.42	4.98	−6	26	89
21	+ 2	8	5.3	23.61	15.24	+ 3	47.42	4.97	−8	26	89
22	+ 7	8	3.9	23.74	15.20	+11	47.42	4.96	−7	26	89
23	+10	9	2.5	23.88	15.17	+17	47.42	4.95	−5	26	89
24	+12	+ 8	1.1	+24.02	−15.14	+20	47.42	−4.94	−2	27	89
25	+12	8	23.7	24.16	15.11	+20	47.42	4.93	+1	27	89
26	+10	7	21.9	24.30	15.08	+16	47.42	4.92	+4	27	89
27	+ 6	7	20.1	24.43	15.05	+10	47.41	4.91	+6	27	89
28	+ 1	8	18.3	24.57	15.01	+ 1	47.41	4.90	+8	27	89
29	− 5	8	16.5	24.71	14.98	− 8	47.41	4.89	+8	27	89
30	−10	+ 9	14.9	+24.85	−14.95	−16	47.41	−4.88	+6	27	89
Juli 1	−14	10	13.5	24.98	14.92	−23	47.41	4.86	+4	28	89
2	−15	10	12.0	25.12	14.89	−25	47.41	4.85	0	28	89
3	−15	10	10.5	25.26	14.86	−24	47.41	4.84	−4	28	89
4	−11	10	9.0	25.40	14.84	−18	47.40	4.82	−7	28	89
5	− 6	10	7.5	25.53	14.81	− 9	47.40	4.81	−9	28	89
6	+ 1	+ 9	5.8	+25.67	−14.78	+ 1	47.40	−4.79	−9	28	89
7	+ 7	8	3.9	25.81	14.75	+11	47.40	4.77	−7	28	89
8	+11	8	1.8	25.95	14.73	+18	47.40	4.76	−4	29	89
9	+12	8	23.6	26.08	14.70	+20	47.40	4.74	+1	29	89
10	+11	8	21.6	26.22	14.68	+17	47.40	4.72	+5	29	89
11	+ 6	9	19.9	26.36	14.65	+11	47.40	4.70	+8	29	89
12	+ 1	+ 9	18.4	+26.50	−14.63	+ 2	47.39	−4.68	+9	29	88
13	− 4	8	16.8	26.63	14.61	− 6	47.39	4.66	+8	29	88
14	− 7	7	15.0	26.77	14.59	−12	47.39	4.64	+5	29	88
15	− 9	6	12.7	26.91	14.57	−14	47.39	4.62	+1	30	88
16	− 7	5	9.9	27.05	14.55	−12	47.39	4.60	−3	30	88
17	− 4	6	7.5	27.19	14.53	− 6	47.39	4.58	−6	30	88
18	+ 1	+ 7	5.7	+27.32	−14.51	+ 2	47.39	−4.56	−7	30	88
19	+ 6	8	4.2	27.46	14.49	+ 9	47.39	4.54	−7	30	88
20	+10	8	2.8	27.60	14.48	+16	47.38	4.52	−6	30	88
21	+12	8	1.5	27.74	14.46	+19	47.38	4.49	−3	30	88
22	+12	8	0.0	27.87	14.45	+20	47.38	4.47	0	30	88
23	+10	+ 7	22.4	+28.01	−14.44	+17	47.38	−4.45	+3	31	88

Reduktionsgrößen 1944

Tag		0h Welt-Zeit								
		Sternzeit Greenw.	*t*	*f*	log *g*	*G*	log *h*	*H*	log *i*	*i*
1944		h	s	s		h m		h m		"
Juli	23	20.0	0.5572	+0.829	0.8460	2 37.4	1.3033	10 8.3	0.6101	+4.075
	24	20.1	0.5600	0.838	0.8479	2 35.6	1.3018	10 4.7	0.6224	4.192
	25	20.2	0.5627	0.847	0.8498	2 33.8	1.3013	10 1.0	0.6343	4.308
	26	20.2	0.5655	0.856	0.8517	2 32.0	1.3007	9 57.3	0.6456	4.422
	27	20.3	0.5682	0.865	0.8536	2 30.2	1.3002	9 53.6	0.6566	4.535
	28	20.4	0.5709	0.874	0.8554	2 28.5	1.2996	9 49.9	0.6672	4.647
	29	20.4	0.5737	+0.883	0.8572	2 26.8	1.2990	9 46.2	0.6774	+4.758
	30	20.5	0.5764	0.891	0.8590	2 25.1	1.2985	9 42.5	0.6874	4.868
	31	20.6	0.5791	0.900	0.8608	2 23.4	1.2979	9 38.8	0.6969	4.976
Aug.	1	20.6	0.5819	0.908	0.8626	2 21.7	1.2973	9 35.1	0.7061	5.083
	2	20.7	0.5846	0.917	0.8644	2 20.1	1.2967	9 31.3	0.7151	5.189
	3	20.8	0.5874	0.925	0.8662	2 18.4	1.2961	9 27.5	0.7237	5.293
	4	20.8	0.5901	+0.933	0.8679	2 16.8	1.2955	9 23.8	0.7321	+5.396
	5	20.9	0.5928	0.941	0.8697	2 15.2	1.2949	9 20.0	0.7401	5.497
	6	21.0	0.5956	0.949	0.8714	2 13.7	1.2943	9 16.2	0.7480	5.597
	7	21.0	0.5983	0.957	0.8731	2 12.1	1.2936	9 12.4	0.7555	5.695
	8	21.1	0.6011	0.965	0.8748	2 10.6	1.2930	9 8.6	0.7628	5.792
	9	21.2	0.6038	0.973	0.8765	2 9.1	1.2924	9 4.8	0.7699	5.887
	10	21.2	0.6065	+0.981	0.8781	2 7.6	1.2918	9 0.9	0.7767	+5.980
	11	21.3	0.6093	0.988	0.8798	2 6.1	1.2911	8 57.0	0.7833	6.072
	12	21.4	0.6120	0.996	0.8814	2 4.7	1.2905	8 53.2	0.7897	6.162
	13	21.4	0.6147	1.003	0.8830	2 3.3	1.2899	8 49.3	0.7959	6.250
	14	21.5	0.6175	1.011	0.8846	2 1.9	1.2893	8 45.4	0.8019	6.337
	15	21.6	0.6202	1.018	0.8862	2 0.5	1.2886	8 41.5	0.8077	6.422
	16	21.6	0.6230	+1.025	0.8878	1 59.2	1.2880	8 37.6	0.8132	+6.505
	17	21.7	0.6257	1.032	0.8894	1 57.8	1.2874	8 33.7	0.8186	6.586
	18	21.7	0.6284	1.039	0.8909	1 56.5	1.2868	8 29.7	0.8238	6.665
	19	21.8	0.6312	1.046	0.8925	1 55.2	1.2862	8 25.8	0.8289	6.743
	20	21.9	0.6339	1.053	0.8940	1 54.0	1.2856	8 21.8	0.8337	6.819
	21	21.9	0.6366	1.060	0.8956	1 52.7	1.2850	8 17.8	0.8384	6.893
	22	22.0	0.6394	+1.067	0.8971	1 51.5	1.2844	8 13.8	0.8429	+6.965
	23	22.1	0.6421	1.074	0.8986	1 50.3	1.2838	8 9.8	0.8473	7.035
	24	22.1	0.6449	1.080	0.9000	1 49.2	1.2833	8 5.8	0.8514	7.103
	25	22.2	0.6476	1.087	0.9015	1 48.0	1.2827	8 1.7	0.8555	7.170
	26	22.3	0.6503	1.093	0.9030	1 46.9	1.2822	7 57.7	0.8594	7.234
	27	22.3	0.6531	1.100	0.9045	1 45.8	1.2816	7 53.6	0.8631	7.296
	28	22.4	0.6558	+1.106	0.9060	1 44.7	1.2811	7 49.6	0.8666	+7.356
	29	22.5	0.6585	1.112	0.9074	1 43.6	1.2806	7 45.5	0.8701	7.414
	30	22.5	0.6613	1.118	0.9088	1 42.5	1.2801	7 41.4	0.8733	7.470
	31	22.6	0.6640	1.125	0.9103	1 41.5	1.2796	7 37.3	0.8764	7.523
Sept.	1	22.7	0.6668	1.131	0.9117	1 40.5	1.2791	7 33.2	0.8793	7.574
	2	22.7	0.6695	+1.137	0.9131	1 39.5	1.2787	7 29.1	0.8822	+7.624

Tag	0h Welt-Zeit										
	f′	g′	G′	Allgemeine Präzession seit 1944.0	Δψ	Δψ′	Mittlere Schiefe	Δε	Δε′	j	k
1944	s in 0.001	″ in 0.01	h	″	″	″ in 0.01	23° 26′ ″	″	″ in 0.01	in 0.001	
Juli 23	+10	+ 7	22.4	+28.01	−14.44	+17	47.38	−4.45	+3	31	88
24	+ 7	7	20.7	28.15	14.43	+12	47.38	4.42	+6	31	88
25	+ 3	7	18.9	28.29	14.42	+ 4	47.38	4.40	+7	31	87
26	− 3	8	17.1	28.42	14.41	− 5	47.38	4.38	+8	31	87
27	− 8	9	15.5	28.56	14.40	−14	47.38	4.35	+7	31	87
28	−13	10	13.9	28.70	14.40	−21	47.37	4.33	+5	31	87
29	−15	+10	12.5	+28.84	−14.39	−25	47.37	−4.30	+1	31	87
30	−16	11	11.2	28.97	14.39	−26	47.37	4.28	−2	32	87
31	−14	11	9.7	29.11	14.39	−23	47.37	4.25	−6	32	87
Aug. 1	− 9	10	8.3	29.25	14.39	−15	47.37	4.23	−9	32	87
2	− 3	10	6.6	29.39	14.39	− 4	47.37	4.20	−9	32	86
3	+ 4	8	4.9	29.52	14.39	+ 6	47.37	4.17	−8	32	86
4	+ 9	+ 8	2.7	+29.66	−14.39	+15	47.37	−4.15	−5	32	86
5	+12	8	0.3	29.80	14.40	+19	47.36	4.12	−1	32	86
6	+11	8	22.3	29.94	14.40	+19	47.36	4.10	+4	32	86
7	+ 8	9	20.4	30.08	14.41	+13	47.36	4.07	+7	33	86
8	+ 3	9	18.9	30.21	14.42	+ 5	47.36	4.04	+9	33	86
9	− 2	8	17.4	30.35	14.43	− 3	47.36	4.02	+8	33	86
10	− 6	+ 7	15.8	+30.49	−14.44	−10	47.36	−3.99	+6	33	85
11	− 8	6	13.6	30.63	14.45	−13	47.36	3.97	+2	33	85
12	− 7	5	10.7	30.76	14.47	−12	47.35	3.94	−2	33	85
13	− 4	6	7.9	30.90	14.48	− 7	47.35	3.91	−5	33	85
14	0	7	5.9	31.04	14.50	+ 1	47.35	3.89	−7	33	85
15	+ 5	8	4.4	31.18	14.52	+ 9	47.35	3.86	−8	34	85
16	+ 9	+ 9	3.1	+31.31	−14.54	+15	47.35	−3.84	−6	34	85
17	+12	9	1.8	31.45	14.56	+20	47.35	3.81	−4	34	85
18	+13	8	0.4	31.59	14.58	+21	47.35	3.79	−1	34	85
19	+12	8	23.0	31.73	14.60	+19	47.35	3.76	+2	34	84
20	+ 9	7	21.3	31.86	14.63	+14	47.34	3.74	+5	34	84
21	+ 4	7	19.5	32.00	14.66	+ 7	47.34	3.71	+7	34	84
22	− 1	+ 8	17.8	+32.14	−14.68	− 1	47.34	−3.69	+8	34	84
23	− 6	8	16.1	32.28	14.71	−10	47.34	3.67	+7	35	84
24	−11	9	14.5	32.42	14.74	−18	47.34	3.64	+5	35	84
25	−15	10	13.0	32.55	14.77	−24	47.34	3.62	+3	35	84
26	−16	10	11.6	32.69	14.80	−26	47.34	3.60	−1	35	84
27	−15	11	10.3	32.83	14.84	−25	47.34	3.57	−5	35	83
28	−12	+11	8.9	+32.97	−14.87	−19	47.33	−3.55	−8	35	83
29	− 6	10	7.4	33.10	14.91	− 9	47.33	3.53	−9	35	83
30	+ 1	9	5.8	33.24	14.94	+ 1	47.33	3.51	−9	35	83
31	+ 6	8	3.8	33.38	14.98	+10	47.33	3.49	−6	35	83
Sept. 1	+10	7	1.4	33.52	15.02	+16	47.33	3.47	−3	36	83
2	+11	+ 7	22.9	+33.65	−15.06	+17	47.33	−3.45	+2	36	83

Tag	0ʰ Welt-Zeit								
	Stern-zeit Greenw.		f	log g	G	log h	H	log i	i
1944	h	"	"		h m		h m		"
Sept. 2	22.7	0.6695	+1.137	0.9131	1 39.5	1.2787	7 29.1	0.8822	+7.624
3	22.8	0.6722	1.142	0.9145	1 38.6	1.2783	7 25.0	0.8849	7.672
4	22.9	0.6750	1.148	0.9160	1 37.6	1.2778	7 20.8	0.8874	7.717
5	22.9	0.6777	1.154	0.9174	1 36.7	1.2774	7 16.7	0.8899	7.760
6	23.0	0.6805	1.160	0.9188	1 35.8	1.2771	7 12.5	0.8922	7.801
7	23.1	0.6832	1.166	0.9202	1 35.0	1.2767	7 8.4	0.8943	7.839
8	23.1	0.6859	+1.171	0.9217	1 34.1	1.2764	7 4.2	0.8963	+7.875
9	23.2	0.6887	1.177	0.9231	1 33.3	1.2760	7 0.0	0.8982	7.910
10	23.3	0.6914	1.183	0.9245	1 32.5	1.2757	6 55.8	0.8999	7.942
11	23.3	0.6941	1.188	0.9259	1 31.8	1.2754	6 51.6	0.9015	7.971
12	23.4	0.6969	1.194	0.9273	1 31.0	1.2752	6 47.4	0.9030	7.998
13	23.5	0.6996	1.199	0.9287	1 30.3	1.2749	6 43.2	0.9043	8.023
14	23.5	0.7024	+1.205	0.9302	1 29.6	1.2747	6 38.9	0.9055	+8.045
15	23.6	0.7051	1.210	0.9316	1 28.9	1.2745	6 34.7	0.9067	8.066
16	23.7	0.7078	1.216	0.9331	1 28.2	1.2743	6 30.5	0.9076	8.084
17	23.7	0.7106	1.221	0.9345	1 27.6	1.2742	6 26.2	0.9085	8.100
18	23.8	0.7133	1.227	0.9359	1 26.9	1.2740	6 22.0	0.9092	8.113
19	23.9	0.7160	1.232	0.9373	1 26.3	1.2739	6 17.7	0.9098	8.124
20	23.9	0.7188	+1.237	0.9387	1 25.7	1.2738	6 13.5	0.9103	+8.133
21	0.0	0.7215	1.243	0.9402	1 25.2	1.2737	6 9.2	0.9106	8.139
22	0.0	0.7243	1.248	0.9416	1 24.6	1.2737	6 4.9	0.9108	8.143
23	0.1	0.7270	1.253	0.9431	1 24.1	1.2737	6 0.7	0.9108	8.144
24	0.2	0.7297	1.259	0.9446	1 23.6	1.2737	5 56.4	0.9108	8.143
25	0.2	0.7325	1.264	0.9461	1 23.1	1.2737	5 52.1	0.9106	8.140
26	0.3	0.7352	+1.269	0.9476	1 22.6	1.2738	5 47.9	0.9104	+8.135
27	0.4	0.7379	1.275	0.9491	1 22.2	1.2739	5 43.6	0.9099	8.127
28	0.4	0.7407	1.280	0.9506	1 21.7	1.2740	5 39.3	0.9094	8.117
29	0.5	0.7434	1.286	0.9522	1 21.3	1.2741	5 35.0	0.9087	8.104
30	0.6	0.7462	1.291	0.9537	1 20.9	1.2743	5 30.8	0.9079	8.089
Okt. 1	0.6	0.7489	1.296	0.9553	1 20.5	1.2745	5 26.5	0.9069	8.071
2	0.7	0.7516	+1.302	0.9569	1 20.1	1.2747	5 22.2	0.9058	+8.051
3	0.8	0.7544	1.307	0.9585	1 19.8	1.2749	5 17.9	0.9047	8.029
4	0.8	0.7571	1.313	0.9601	1 19.5	1.2751	5 13.7	0.9033	8.004
5	0.9	0.7599	1.318	0.9617	1 19.2	1.2754	5 9.4	0.9018	7.977
6	1.0	0.7626	1.324	0.9633	1 18.9	1.2757	5 5.1	0.9003	7.948
7	1.0	0.7653	1.330	0.9650	1 18.6	1.2760	5 0.9	0.8985	7.916
8	1.1	0.7681	+1.335	0.9666	1 18.3	1.2763	4 56.6	0.8966	+7.882
9	1.2	0.7708	1.341	0.9683	1 18.0	1.2766	4 52.4	0.8946	7.846
10	1.2	0.7735	1.347	0.9700	1 17.7	1.2770	4 48.1	0.8925	7.807
11	1.3	0.7763	1.353	0.9717	1 17.5	1.2774	4 43.9	0.8902	7.766
12	1.4	0.7790	1.359	0.9734	1 17.3	1.2778	4 39.6	0.8877	7.722
13	1.4	0.7818	+1.365	0.9752	1 17.1	1.2782	4 35.4	0.8851	+7.676

Tag		0h Welt-Zeit									
	f'	g'	G'	Allgemeine Präzession seit 1944.0	$\Delta\psi$	$\Delta\psi'$	Mittlere Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$	j	k
1944	″ in 0.001	″ in 0.01	h	″	″	″ in 0.01	23° 26′ ″	″	″ in 0.01	in 0.001	
Sept. 2	+11	+ 7	22.9	+33.65	−15.06	+17	47.33	−3.45	+2	36	83
3	+ 8	8	20.8	33.79	15.10	+14	47.33	3.43	+6	36	83
4	+ 4	9	19.2	33.93	15.14	+ 7	47.33	3.41	+9	36	83
5	− 1	9	17.7	34.07	15.18	− 2	47.32	3.39	+9	36	83
6	− 5	8	16.2	34.20	15.23	− 9	47.32	3.37	+7	36	83
7	− 8	7	14.4	34.34	15.27	−13	47.32	3.35	+4	36	83
8	− 8	+ 5	11.6	+34.48	−15.31	−13	47.32	−3.33	−1	36	82
9	− 5	6	8.5	34.62	15.36	− 8	47.32	3.32	−4	37	82
10	− 1	7	6.2	34.75	15.41	− 1	47.32	3.30	−7	37	82
11	+ 4	8	4.6	34.89	15.45	+ 7	47.32	3.29	−8	37	82
12	+ 9	9	3.3	35.03	15.50	+15	47.32	3.27	−7	37	82
13	+12	9	2.0	35.17	15.55	+20	47.31	3.26	−5	37	82
14	+14	+ 9	0.7	+35.31	−15.59	+22	47.31	−3.24	−2	37	82
15	+13	9	23.4	35.44	15.64	+21	47.31	3.23	+1	37	82
16	+10	8	21.9	35.58	15.69	+17	47.31	3.22	+4	37	82
17	+ 6	8	20.1	35.72	15.74	+10	47.31	3.21	+7	38	82
18	+ 1	7	18.4	35.86	15.79	+ 2	47.31	3.20	+7	38	82
19	− 4	8	16.7	35.99	15.84	− 7	47.31	3.18	+7	38	82
20	− 9	+ 8	15.1	+36.13	−15.89	−15	47.30	−3.17	+6	38	82
21	−13	9	13.5	36.27	15.94	−21	47.30	3.16	+3	38	82
22	−15	10	12.0	36.41	15.99	−25	47.30	3.16	0	38	82
23	−15	10	10.7	36.54	16.04	−25	47.30	3.15	−4	38	82
24	−12	11	9.3	36.68	16.09	−20	47.30	3.14	−7	38	82
25	− 8	10	8.0	36.82	16.14	−13	47.30	3.13	−9	39	82
26	− 2	+ 9	6.5	+36.96	−16.19	− 3	47.30	−3.13	−9	39	82
27	+ 4	8	4.8	37.09	16.24	+ 6	47.30	3.12	−8	39	82
28	+ 8	7	2.5	37.23	16.29	+13	47.29	3.12	−4	39	82
29	+10	6	23.8	37.37	16.34	+16	47.29	3.11	0	39	82
30	+ 9	7	21.3	37.51	16.39	+14	47.29	3.11	+5	39	82
Okt. 1	+ 5	9	19.4	37.64	16.44	+ 8	47.29	3.11	+8	39	82
2	0	+ 9	17.9	+37.78	−16.48	0	47.29	−3.10	+9	40	82
3	− 5	9	16.5	37.92	16.53	− 9	47.29	3.10	+8	40	82
4	− 8	8	15.0	38.06	16.58	−14	47.29	3.10	+5	40	82
5	− 9	6	12.6	38.20	16.63	−15	47.29	3.10	+1	40	82
6	− 7	6	9.8	38.33	16.67	−12	47.28	3.10	−3	40	82
7	− 3	6	7.0	38.47	16.72	− 4	47.28	3.10	−6	40	82
8	+ 3	+ 8	5.1	+38.61	−16.76	+ 5	47.28	−3.10	−8	40	82
9	+ 8	9	3.6	38.75	16.80	+14	47.28	3.10	−8	41	83
10	+12	10	2.3	38.88	16.85	+20	47.28	3.11	−6	41	83
11	+15	10	1.1	39.02	16.89	+24	47.28	3.11	−3	41	83
12	+14	9	23.7	39.16	16.93	+23	47.28	3.11	+1	41	83
13	+12	+ 9	22.4	+39.30	−16.97	+20	47.28	−3.12	+4	41	83

Reduktionsgrößen 1944

Tag	0h Welt-Zeit								
	Sternzeit Greenw.	*t*	*f*	log *g*	*G*	log *h*	*H*	log *i*	*i*
1944	h	s	s		h m		h m		"
Okt. 13	1.4	0.7818	+1.365	0.9752	1 17.1	1.2782	4 35.4	0.8851	+7.676
14	1.5	0.7845	1.371	0.9770	1 16.9	1.2787	4 31.2	0.8824	7.628
15	1.6	0.7872	1.377	0.9788	1 16.7	1.2791	4 27.0	0.8795	7.577
16	1.6	0.7900	1.383	0.9806	1 16.5	1.2796	4 22.8	0.8764	7.524
17	1.7	0.7927	1.389	0.9824	1 16.3	1.2801	4 18.5	0.8733	7.469
18	1.8	0.7954	1.395	0.9842	1 16.1	1.2806	4 14.3	0.8699	7.412
19	1.8	0.7982	+1.402	0.9861	1 16.0	1.2811	4 10.2	0.8664	+7.352
20	1.9	0.8009	1.408	0.9880	1 15.8	1.2817	4 6.0	0.8627	7.290
21	2.0	0.8037	1.415	0.9899	1 15.7	1.2822	4 1.8	0.8589	7.226
22	2.0	0.8064	1.421	0.9918	1 15.5	1.2828	3 57.6	0.8549	7.160
23	2.1	0.8091	1.428	0.9938	1 15.4	1.2834	3 53.5	0.8507	7.091
24	2.2	0.8119	1.435	0.9958	1 15.2	1.2840	3 49.3	0.8463	7.020
25	2.2	0.8146	+1.442	0.9978	1 15.1	1.2846	3 45.2	0.8418	+6.947
26	2.3	0.8173	1.449	0.9998	1 15.0	1.2852	3 41.1	0.8371	6.872
27	2.3	0.8201	1.456	1.0018	1 14.9	1.2858	3 36.9	0.8322	6.795
28	2.4	0.8228	1.463	1.0038	1 14.8	1.2864	3 32.8	0.8271	6.716
29	2.5	0.8256	1.470	1.0059	1 14.7	1.2870	3 28.7	0.8218	6.635
30	2.5	0.8283	1.477	1.0080	1 14.5	1.2876	3 24.6	0.8163	6.551
31	2.6	0.8310	+1.485	1.0101	1 14.4	1.2883	3 20.6	0.8106	+6.465
Nov. 1	2.7	0.8338	1.492	1.0122	1 14.3	1.2889	3 16.5	0.8047	6.378
2	2.7	0.8365	1.500	1.0143	1 14.2	1.2896	3 12.4	0.7986	6.289
3	2.8	0.8393	1.507	1.0164	1 14.1	1.2902	3 8.4	0.7922	6.197
4	2.9	0.8420	1.515	1.0186	1 14.0	1.2909	3 4.3	0.7855	6.103
5	2.9	0.8447	1.523	1.0207	1 13.9	1.2915	3 0.3	0.7787	6.008
6	3.0	0.8475	+1.531	1.0229	1 13.7	1.2922	2 56.3	0.7717	+5.911
7	3.1	0.8502	1.539	1.0251	1 13.5	1.2929	2 52.2	0.7643	5.812
8	3.1	0.8529	1.547	1.0273	1 13.4	1.2935	2 48.2	0.7567	5.711
9	3.2	0.8557	1.555	1.0295	1 13.3	1.2942	2 44.3	0.7488	5.608
10	3.3	0.8584	1.564	1.0318	1 13.2	1.2948	2 40.3	0.7407	5.504
11	3.3	0.8612	1.572	1.0340	1 13.1	1.2955	2 36.3	0.7322	5.398
12	3.4	0.8639	+1.581	1.0363	1 12.9	1.2961	2 32.4	0.7235	+5.290
13	3.5	0.8666	1.590	1.0386	1 12.8	1.2967	2 28.4	0.7143	5.180
14	3.5	0.8694	1.598	1.0409	1 12.6	1.2974	2 24.4	0.7049	5.069
15	3.6	0.8721	1.607	1.0432	1 12.5	1.2980	2 20.5	0.6951	4.956
16	3.7	0.8748	1.616	1.0455	1 12.3	1.2986	2 16.6	0.6849	4.841
17	3.7	0.8776	1.625	1.0478	1 12.2	1.2992	2 12.7	0.6744	4.725
18	3.8	0.8803	+1.634	1.0501	1 12.0	1.2998	2 8.8	0.6635	+4.608
19	3.9	0.8831	1.644	1.0524	1 11.8	1.3004	2 4.9	0.6521	4.489
20	3.9	0.8858	1.653	1.0548	1 11.6	1.3010	2 1.0	0.6404	4.369
21	4.0	0.8885	1.662	1.0571	1 11.4	1.3016	1 57.1	0.6281	4.247
22	4.1	0.8913	1.672	1.0595	1 11.2	1.3021	1 53.2	0.6153	4.124
23	4.1	0.8940	+1.682	1.0618	1 11.0	1.3027	1 49.4	0.6020	+3.999

Tag	0h Welt-Zeit										
	f′	g′	G′	Allgemeine Präzession seit 1944.0	Δψ	Δψ′	Mittlere Schiefe	Δε	Δε′	j	k
1944	in 0.001	in 0.01				in 0.01	23° 26′		in 0.01	in 0.001	
Okt. 13	+12	+ 9	22.4	+39.30	−16.97	+20	47.28	−3.12	+4	41	83
14	+ 8	8	20.8	39.43	17.01	+13	47.27	3.12	+6	41	83
15	+ 3	8	19.0	39.57	17.05	+ 5	47.27	3.13	+7	42	83
16	− 2	8	17.3	39.71	17.09	− 3	47.27	3.13	+8	42	83
17	− 7	8	15.6	39.85	17.12	−12	47.27	3.14	+6	42	83
18	−11	8	14.0	39.98	17.16	−18	47.27	3.15	+4	42	83
19	−14	+ 9	12.4	+40.12	−17.19	−23	47.27	−3.15	+1	42	83
20	−14	9	11.1	40.26	17.22	−23	47.27	3.16	−2	42	84
21	−13	10	9.7	40.40	17.25	−21	47.26	3.17	−6	43	84
22	− 9	10	8.3	40.53	17.28	−14	47.26	3.18	−8	43	84
23	− 3	9	6.9	40.67	17.31	− 5	47.26	3.19	−9	43	84
24	+ 2	8	5.4	40.81	17.34	+ 4	47.26	3.19	−8	43	84
25	+ 7	+ 7	3.3	+40.95	−17.36	+11	47.26	−3.20	−5	43	84
26	+ 9	6	0.8	41.09	17.39	+15	47.26	3.21	−1	44	84
27	+ 9	7	22.1	41.22	17.41	+15	47.26	3.22	+3	44	84
28	+ 6	8	19.9	41.36	17.43	+ 9	47.26	3.23	+7	44	84
29	+ 1	9	18.2	41.50	17.45	+ 1	47.25	3.24	+9	44	85
30	− 4	9	16.8	41.64	17.47	− 7	47.25	3.25	+9	44	85
31	− 8	+ 8	15.2	+41.77	−17.49	−14	47.25	−3.27	+6	45	85
Nov. 1	−10	7	13.4	41.91	17.50	−17	47.25	3.28	+3	45	85
2	− 9	6	11.0	42.05	17.52	−15	47.25	3.29	−2	45	85
3	− 5	6	8.2	42.19	17.53	− 9	47.25	3.30	−5	45	85
4	0	8	5.9	42.32	17.54	0	47.25	3.31	−8	46	85
5	+ 6	9	4.3	42.46	17.55	+10	47.25	3.32	−8	46	85
6	+11	+10	2.9	+42.60	−17.56	+18	47.24	−3.33	−7	46	86
7	+14	10	1.5	42.74	17.56	+23	47.24	3.34	−4	46	86
8	+15	10	0.2	42.87	17.57	+25	47.24	3.36	−1	47	86
9	+13	9	22.8	43.01	17.57	+22	47.24	3.37	+3	47	86
10	+10	9	21.2	43.15	17.57	+16	47.24	3.38	+6	47	86
11	+ 5	8	19.6	43.29	17.57	+ 8	47.24	3.39	+7	47	86
12	0	+ 8	17.9	+43.43	−17.56	− 1	47.24	−3.40	+8	48	86
13	− 6	8	16.1	43.56	17.56	− 9	47.24	3.41	+7	48	86
14	−10	8	14.5	43.70	17.55	−16	47.23	3.42	+5	48	87
15	−13	9	12.9	43.84	17.55	−21	47.23	3.44	+2	48	87
16	−14	9	11.4	43.98	17.54	−23	47.23	3.45	−2	49	87
17	−12	9	9.9	44.11	17.53	−20	47.23	3.46	−5	49	87
18	− 9	+ 9	8.5	+44.25	−17.51	−15	47.23	−3.47	−8	49	87
19	− 4	9	7.1	44.39	17.50	− 7	47.23	3.48	−9	49	87
20	+ 1	9	5.6	44.53	17.49	+ 2	47.23	3.49	−9	50	87
21	+ 6	8	3.8	44.66	17.47	+11	47.23	3.50	−6	50	87
22	+ 9	7	1.6	44.80	17.45	+15	47.22	3.51	−3	50	87
23	+10	+ 6	23.0	+44.94	−17.43	+16	47.22	−3.52	+2	50	88

Tag	0ʰ Welt-Zeit								
	Sternzeit Greenw.	t	f	log g	G	log h	H	log i	i
1944	h	s	s		h m		h m		"
Nov. 23	4.1	0.8940	+1.682	1.0618	1 11.0	1.3027	1 49.4	0.6020	+3.999
24	4.2	0.8967	1.691	1.0642	1 10.7	1.3032	1 45.5	0.5880	3.873
25	4.3	0.8995	1.701	1.0665	1 10.5	1.3037	1 41.7	0.5736	3.746
26	4.3	0.9022	1.711	1.0689	1 10.3	1.3042	1 37.9	0.5585	3.618
27	4.4	0.9050	1.721	1.0713	1 10.1	1.3047	1 34.0	0.5427	3.489
28	4.5	0.9077	1.731	1.0737	1 9.8	1.3052	1 30.2	0.5261	3.358
29	4.5	0.9104	+1.741	1.0761	1 9.6	1.3056	1 26.4	0.5087	+3.226
30	4.6	0.9132	1.751	1.0784	1 9.3	1.3061	1 22.6	0.4904	3.093
Dez. 1	4.6	0.9159	1.761	1.0807	1 9.0	1.3065	1 18.8	0.4713	2.960
2	4.7	0.9187	1.772	1.0831	1 8.7	1.3069	1 15.0	0.4512	2.826
3	4.8	0.9214	1.782	1.0855	1 8.4	1.3073	1 11.2	0.4299	2.691
4	4.8	0.9241	1.793	1.0879	1 8.1	1.3077	1 7.4	0.4072	2.554
5	4.9	0.9269	+1.803	1.0902	1 7.7	1.3081	1 3.6	0.3831	+2.416
6	5.0	0.9296	1.814	1.0925	1 7.4	1.3084	0 59.8	0.3574	2.277
7	5.0	0.9323	1.824	1.0949	1 7.1	1.3087	0 56.1	0.3300	2.138
8	5.1	0.9351	1.835	1.0972	1 6.8	1.3090	0 52.3	0.3006	1.998
9	5.2	0.9378	1.845	1.0996	1 6.5	1.3093	0 48.5	0.2690	1.858
10	5.2	0.9406	1.856	1.1019	1 6.1	1.3096	0 44.8	0.2348	1.717
11	5.3	0.9433	+1.867	1.1042	1 5.7	1.3098	0 41.0	0.1976	+1.576
12	5.4	0.9460	1.878	1.1065	1 5.3	1.3100	0 37.3	0.1565	1.434
13	5.4	0.9488	1.889	1.1088	1 4.9	1.3103	0 33.5	0.1109	1.291
14	5.5	0.9515	1.900	1.1111	1 4.5	1.3104	0 29.8	0.0599	1.148
15	5.6	0.9542	1.911	1.1134	1 4.1	1.3106	0 26.0	0.0022	1.005
16	5.6	0.9570	1.922	1.1156	1 3.7	1.3107	0 22.3	9.9355	0.862
17	5.7	0.9597	+1.933	1.1178	1 3.3	1.3108	0 18.5	9.8561	+0.718
18	5.8	0.9625	1.944	1.1200	1 2.9	1.3109	0 14.8	9.7582	0.573
19	5.8	0.9652	1.955	1.1223	1 2.5	1.3110	0 11.1	9.6325	0.429
20	5.9	0.9679	1.966	1.1245	1 2.0	1.3111	0 7.3	9.4533	0.284
21	6.0	0.9707	1.977	1.1267	1 1.6	1.3111	0 3.6	9.1430	+0.139
22	6.0	0.9734	1.988	1.1289	1 1.1	1.3111	23 59.9	7.7782*n*	−0.006
23	6.1	0.9761	+1.999	1.1311	1 0.7	1.3111	23 56.1	9.1761*n*	−0.150
24	6.2	0.9789	2.010	1.1332	1 0.2	1.3111	23 52.4	9.4698*n*	0.295
25	6.2	0.9816	2.021	1.1353	0 59.7	1.3110	23 48.6	9.6425*n*	0.439
26	6.3	0.9844	2.032	1.1374	0 59.2	1.3109	23 44.9	9.7664*n*	0.584
27	6.4	0.9871	2.043	1.1395	0 58.7	1.3108	23 41.2	9.8621*n*	0.728
28	6.4	0.9898	2.054	1.1416	0 58.2	1.3107	23 37.4	9.9405*n*	0.872
29	6.5	0.9926	+2.065	1.1437	0 57.7	1.3106	23 33.7	0.0073*n*	−1.017
30	6.6	0.9953	2.076	1.1457	0 57.2	1.3104	23 29.9	0.0648*n*	1.161
31	6.6	0.9980	2.087	1.1478	0 56.7	1.3102	23 26.2	0.1153*n*	1.304
32	6.7	1.0008	+2.098	1.1498	0 56.2	1.3100	23 22.4	0.1602*n*	−1.446

Tag	0h Welt-Zeit										
	f'	g'	G'	Allgemeine Präzession seit 1944.0	$\Delta\psi$	$\Delta\psi'$	Mittlere Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$	j	k
1944	s in 0.001	" in 0.01	h	"	"	" in 0.01	23° 26' "	"	" in 0.01	in 0.001	
Nov. 23	+10	+ 6	23.0	+44.94	−17.43	+16	47.22	−3.52	+2	50	88
24	+ 7	7	20.6	45.08	17.41	+12	47.22	3.52	+6	51	88
25	+ 3	9	18.8	45.21	17.39	+ 4	47.22	3.53	+9	51	88
26	− 3	9	17.2	45.35	17.37	− 5	47.22	3.54	+9	51	88
27	− 8	9	15.6	45.49	17.34	−13	47.22	3.55	+7	51	88
28	−11	8	14.0	45.63	17.31	−17	47.22	3.55	+4	52	88
29	−11	+ 7	12.0	+45.76	−17.29	−17	47.21	−3.56	0	52	88
30	− 8	7	9.4	45.90	17.26	−13	47.21	3.57	−4	52	88
Dez. 1	− 3	7	7.0	46.04	17.23	− 5	47.21	3.57	−7	53	88
2	+ 3	8	5.1	46.18	17.20	+ 5	47.21	3.58	−8	53	88
3	+ 9	9	3.5	46.32	17.16	+14	47.21	3.58	−7	53	89
4	+13	10	2.1	46.45	17.13	+21	47.21	3.58	−5	53	89
5	+15	+10	0.7	+46.59	−17.10	+24	47.21	−3.59	−2	54	89
6	+14	9	23.3	46.73	17.06	+23	47.21	3.59	+2	54	89
7	+11	9	21.8	46.87	17.03	+19	47.20	3.59	+5	54	89
8	+ 7	9	20.1	47.00	16.99	+11	47.20	3.59	+7	55	89
9	+ 1	8	18.4	47.14	16.95	+ 2	47.20	3.59	+8	55	89
10	− 4	8	16.7	47.28	16.91	− 7	47.20	3.59	+7	55	89
11	− 9	+ 8	15.0	+47.42	−16.87	−15	47.20	−3.59	+6	55	89
12	−12	9	13.4	47.55	16.83	−20	47.20	3.59	+3	56	89
13	−14	9	11.8	47.69	16.79	−23	47.20	3.59	−1	56	89
14	−13	9	10.3	47.83	16.75	−22	47.20	3.59	−4	56	89
15	−10	10	8.9	47.97	16.71	−17	47.19	3.59	−7	57	89
16	− 5	10	7.4	48.10	16.67	− 9	47.19	3.58	−9	57	89
17	0	+ 9	5.9	+48.24	−16.63	0	47.19	−3.58	−9	57	89
18	+ 6	8	4.2	48.38	16.59	+ 9	47.19	3.57	−7	58	89
19	+ 9	7	2.3	48.52	16.54	+15	47.19	3.57	−4	58	89
20	+11	7	23.8	48.65	16.50	+18	47.19	3.56	0	58	89
21	+ 9	7	21.5	48.79	16.46	+15	47.19	3.55	+5	58	89
22	+ 5	8	19.6	48.93	16.41	+ 8	47.19	3.55	+8	59	89
23	0	+ 9	17.9	+49.07	−16.37	0	47.18	−3.54	+9	59	89
24	− 6	9	16.3	49.21	16.33	− 9	47.18	3.53	+8	59	89
25	− 9	8	14.7	49.34	16.28	−16	47.18	3.52	+5	60	89
26	−11	7	12.7	49.48	16.24	−18	47.18	3.51	+1	60	89
27	− 9	7	10.4	49.62	16.20	−15	47.18	3.49	−3	60	89
28	− 5	7	7.9	49.76	16.16	− 8	47.18	3.48	−6	61	89
29	0	+ 8	5.9	+49.89	−16.11	+ 1	47.18	−3.47	−8	61	89
30	+ 6	9	4.2	50.03	16.07	+10	47.18	3.46	−8	61	89
31	+11	9	2.7	50.17	16.03	+18	47.17	3.44	−6	61	89
32	+14	+ 9	1.2	+50.31	−15.99	+23	47.17	−3.43	−3	62	89

Reduktionsgrößen 1944

für 12^h Sternzeit Greenwich

Welt-Zeit		t	A	Δ	A′	B	Δ	B′	C	Δ	D	Δ
1944		a			in 0.00001	"		in 0.001	"		"	
Jan.	0.226	−0.0034	−0.26856	344	+402	+6.216	13	−35	− 2.830	329	+20.236	58
	1.223	−0.0007	0.26512	344	+297	6.203	14	−69	3.159	328	20.178	64
	2.220	+0.0021	0.26168	342	+138	6.189	15	−85	3.487	327	20.114	71
	3.217	0.0048	0.25826	341	− 32	6.174	15	−78	3.814	326	20.043	77
	4.215	0.0075	0.25485	340	−169	6.159	16	−59	4.140	324	19.966	83
	5.212	0.0102	0.25145	338	−241	6.143	17	−27	4.464	323	19.883	89
	6.209	0.0130	−0.24807	337	−238	+6.126	17	+10	− 4.787	321	+19.794	95
	7.207	0.0157	0.24470	335	−167	6.109	18	+42	5.108	320	19.699	102
	8.204	0.0184	0.24135	333	− 48	6.091	18	+64	5.428	318	19.597	108
	9.201	0.0212	0.23802	331	+ 82	6.073	19	+71	5.746	316	19.489	115
	10.198	0.0239	0.23471	330	+205	6.054	20	+67	6.062	315	19.374	121
	11.196	0.0266	0.23141	328	+296	6.034	20	+48	6.377	313	19.253	126
	12.193	0.0294	−0.22813	325	+341	+6.014	21	+24	− 6.690	310	+19.127	132
	13.190	0.0321	0.22488	323	+330	5.993	21	− 5	7.000	308	18.995	138
	14.187	0.0348	0.22165	320	+262	5.972	21	−34	7.308	305	18.857	144
	15.185	0.0375	0.21845	317	+143	5.951	22	−58	7.613	303	18.713	150
	16.182	0.0403	0.21528	315	− 13	5.929	22	−73	7.916	300	18.563	156
	17.179	0.0430	0.21213	313	−192	5.907	23	−75	8.216	298	18.407	162
	18.176	0.0457	−0.20900	310	−358	+5.884	24	−61	− 8.514	296	+18.245	168
	19.174	0.0485	0.20590	308	−481	5.860	24	−35	8.810	293	18.077	173
	20.171	0.0512	0.20282	305	−533	5.836	25	0	9.103	289	17.904	178
	21.168	0.0539	0.19977	302	−495	5.811	24	+40	9.392	286	17.726	184
	22.166	0.0567	0.19675	300	−367	5.787	25	+71	9.678	283	17.542	190
	23.163	0.0594	0.19375	296	−169	5.762	25	+88	9.961	281	17.352	195
	24.160	0.0621	−0.19079	294	+ 55	+5.737	25	+86	−10.242	278	+17.157	201
	25.157	0.0649	0.18785	291	+252	5.712	26	+64	10.520	274	16.956	206
	26.155	0.0676	0.18494	287	+381	5.686	26	+25	10.794	270	16.750	211
	27.152	0.0703	0.18207	284	+415	5.660	26	−19	11.064	266	16.539	216
	28.149	0.0730	0.17923	281	+349	5.634	27	−57	11.330	263	16.323	221
	29.146	0.0758	0.17642	278	+213	5.607	26	−81	11.593	259	16.102	225
	30.144	0.0785	−0.17364	275	+ 43	+5.581	27	−85	−11.852	256	+15.877	230
	31.141	0.0812	0.17089	272	−109	5.554	26	−70	12.108	252	15.647	235
Febr.	1.138	0.0840	0.16817	269	−206	5.528	27	−40	12.360	248	15.412	240
	2.136	0.0867	0.16548	266	−229	5.501	27	− 3	12.608	243	15.172	245
	3.133	0.0894	0.16282	262	−177	5.474	27	+32	12.851	239	14.927	250
	4.130	0.0922	0.16020	259	− 70	5.447	27	+58	13.090	235	14.677	255
	5.127	0.0949	−0.15761	255	+ 63	+5.420	27	+71	−13.325	231	+14.422	259
	6.125	0.0976	0.15506	252	+191	5.393	27	+68	13.556	227	14.163	263
	7.122	0.1003	0.15254	249	+294	5.366	26	+54	13.783	223	13.900	267
	8.119	0.1031	0.15005	246	+350	5.340	27	+32	14.006	219	13.633	271
	9.116	0.1058	0.14759	242	+351	5.313	26	+ 5	14.225	214	13.362	275
	10.114	0.1085	−0.14517		+302	+5.287		−23	−14.439		+13.087	

Reduktionsgrößen 1944

für 12^h Sternzeit Greenwich

Welt-Zeit	t	A		A′	B		B′	C		D	
1944	s			in 0.00001	″		in 0.001	″		″	
Febr. 10.114	0.1085	−0.14517	240	+302	+5.287	27	−23	−14.439	209	+13.087	279
11.111	0.1113	0.14277	237	+204	5.260	26	−49	14.648	205	12.808	283
12.108	0.1140	0.14040	233	+ 60	5.234	26	−66	14.853	200	12.525	287
13.105	0.1167	0.13807	230	−105	5.208	26	−74	15.053	196	12.238	291
14.103	0.1195	0.13577	228	−278	5.182	26	−67	15.249	191	11.947	294
15.100	0.1222	0.13349	224	−423	5.156	25	−47	15.440	185	11.653	298
16.097	0.1249	−0.13125	221	−516	+5.131	25	−15	−15.625	180	+11.355	301
17.095	0.1277	0.12904	219	−528	5.106	25	+23	15.805	175	11.054	304
18.092	0.1304	0.12685	216	−450	5.081	25	+60	15.980	171	10.750	308
19.089	0.1331	0.12469	214	−287	5.056	24	+82	16.151	166	10.442	311
20.086	0.1358	0.12255	210	− 80	5.032	24	+90	16.317	161	10.131	314
21.084	0.1386	0.12045	208	+129	5.008	23	+77	16.478	155	9.817	316
22.081	0.1413	−0.11837	205	+294	+4.985	23	+44	−16.633	150	+ 9.501	319
23.078	0.1440	0.11632	203	+376	4.962	22	+ 2	16.783	145	9.182	321
24.075	0.1468	0.11429	200	+357	4.940	22	−41	16.928	140	8.861	324
25.073	0.1495	0.11229	197	+252	4.918	22	−74	17.068	135	8.537	327
26.070	0.1522	0.11032	195	+ 97	4.896	21	−89	17.203	129	8.210	330
27.067	0.1550	0.10837	193	− 65	4.875	21	−81	17.332	124	7.880	332
28.065	0.1577	−0.10644	191	−188	+4.854	20	−56	−17.456	118	+ 7.548	334
29.062	0.1604	0.10453	189	−237	4.834	20	−19	17.574	112	7.214	335
März 1.059	0.1631	0.10264	187	−204	4.814	19	+20	17.686	107	6.879	337
2.056	0.1659	0.10077	185	−107	4.795	19	+50	17.793	102	6.542	339
3.054	0.1686	0.09892	183	+ 29	4.776	18	+69	17.895	97	6.203	341
4.051	0.1713	0.09709	182	+172	4.758	17	+72	17.992	92	5.862	343
5.048	0.1741	−0.09527	180	+294	+4.741	17	+60	−18.084	86	+ 5.519	344
6.045	0.1768	0.09347	179	+367	4.724	16	+39	18.170	80	5.175	346
7.043	0.1795	0.09168	178	+384	4.708	15	+14	18.250	74	4.829	347
8.040	0.1823	0.08990	176	+350	4.693	15	−17	18.324	68	4.482	348
9.037	0.1850	0.08814	175	+261	4.678	14	−42	18.392	63	4.134	349
10.035	0.1877	0.08639	174	+133	4.664	14	−62	18.455	58	3.785	350
11.032	0.1905	−0.08465	173	− 23	+4.650	13	−72	−18.513	52	+ 3.435	351
12.029	0.1932	0.08292	171	−193	4.637	13	−70	18.565	47	3.084	352
13.026	0.1959	0.08121	171	−346	4.624	12	−55	18.612	41	2.732	353
14.024	0.1986	0.07950	170	−458	4.612	11	−27	18.653	35	2.379	353
15.021	0.2014	0.07780	170	−506	4.601	10	+10	18.688	29	2.026	353
16.018	0.2041	0.07610	169	−471	4.591	10	+44	18.717	24	1.673	354
17.015	0.2068	−0.07441	169	−352	+4.581	9	+73	−18.741	18	+ 1.319	354
18.013	0.2096	0.07272	169	−175	4.572	9	+88	18.759	12	0.965	354
19.010	0.2123	0.07103	169	+ 27	4.563	8	+85	18.771	7	0.611	354
20.007	0.2150	0.06934	168	+206	4.555	7	+61	18.778	1	+ 0.257	354
21.004	0.2178	0.06766	168	+321	4.548	6	+21	18.779	−4	− 0.097	353
22.002	0.2205	−0.06598		+342	+4.542		−21	−18.775		− 0.450	

Reduktionsgrößen 1944

für 12ʰ Sternzeit Greenwich

Welt-Zeit	t	A		A′	B		B′	C		D	
1944	h			in 0.00001	″		in 0.001	″		″	
März 22.002	0.2205	−0.06598	169	+342	+4.542	6	−21	−18.775	10	−0.450	353
22.999	0.2232	0.06429	169	+270	4.536	5	−60	18.765	15	0.803	353
23.996	0.2259	0.06260	170	+130	4.531	4	−84	18.750	21	1.156	352
24.994	0.2287	0.06090	170	−31	4.527	4	−87	18.729	27	1.508	352
25.991	0.2314	0.05920	170	−173	4.523	3	−71	18.702	33	1.860	351
26.988	0.2341	0.05750	171	−255	4.520	3	−36	18.669	38	2.211	350
27.985	0.2369	−0.05579	172	−254	+4.517	2	+4	−18.631	43	−2.561	349
28.983	0.2396	0.05407	173	−174	4.515	1	+40	18.588	48	2.910	348
29.980	0.2423	0.05234	174	−36	4.514	1	+65	18.540	54	3.258	347
30.977	0.2451	0.05060	175	+124	4.513	0	+75	18.486	60	3.605	346
31.974	0.2478	0.04885	176	+265	4.513	0	+69	18.426	65	3.951	344
April 1.972	0.2505	0.04709	177	+366	4.513	1	+50	18.361	70	4.295	342
2.969	0.2533	−0.04532	179	+414	+4.514	2	+22	−18.291	76	−4.637	341
3.966	0.2560	0.04353	180	+396	4.516	2	−7	18.215	81	4.978	340
4.964	0.2587	0.04173	182	+320	4.518	3	−35	18.134	86	5.318	338
5.961	0.2614	0.03991	183	+199	4.521	3	−57	18.048	91	5.656	336
6.958	0.2642	0.03808	185	+47	4.524	4	−68	17.957	96	5.992	334
7.955	0.2669	0.03623	187	−116	4.528	4	−71	17.861	102	6.326	332
8.953	0.2696	−0.03436	188	−273	+4.532	5	−60	−17.759	107	−6.658	330
9.950	0.2724	0.03248	190	−398	4.537	5	−37	17.652	112	6.988	327
10.947	0.2751	0.03058	193	−465	4.542	6	−5	17.540	117	7.315	325
11.944	0.2778	0.02865	195	−461	4.548	6	+30	17.423	122	7.640	323
12.942	0.2806	0.02670	197	−377	4.554	7	+63	17.301	127	7.963	321
13.939	0.2833	0.02473	199	−225	4.561	7	+83	17.174	132	8.284	318
14.936	0.2860	−0.02274	201	−38	+4.568	7	+86	−17.042	137	−8.602	315
15.933	0.2887	0.02073	204	+146	4.575	8	+71	16.905	142	8.917	312
16.931	0.2915	0.01869	206	+282	4.583	8	+39	16.763	147	9.229	309
17.928	0.2942	0.01663	208	+333	4.591	9	−3	16.616	151	9.538	307
18.925	0.2969	0.01455	211	+291	4.600	9	−44	16.465	156	9.845	304
19.923	0.2997	0.01244	214	+173	4.609	9	−76	16.309	161	10.149	301
20.920	0.3024	−0.01030	216	+12	+4.618	10	−88	−16.148	165	−10.450	297
21.917	0.3051	0.00814	219	−148	4.628	10	−80	15.983	170	10.747	294
22.914	0.3079	0.00595	221	−261	4.638	10	−53	15.813	174	11.041	291
23.912	0.3106	0.00374	223	−299	4.648	10	−15	15.639	178	11.332	287
24.909	0.3133	−0.00151	226	−247	4.658	10	+24	15.461	183	11.619	283
25.906	0.3161	+0.00075	229	−128	4.668	10	+55	15.278	187	11.902	280
26.903	0.3188	+0.00304	232	+32	+4.678	11	+75	−15.091	191	−12.182	277
27.901	0.3215	0.00536	235	+197	4.689	11	+73	14.900	195	12.459	273
28.898	0.3242	0.00771	238	+331	4.700	11	+60	14.705	199	12.732	269
29.895	0.3270	0.01009	241	+410	4.711	11	+35	14.506	203	13.001	265
30.893	0.3297	0.01250	243	+421	4.722	11	+5	14.303	208	13.266	261
Mai 1.890	0.3324	+0.01493		+369	+4.733		−27	−14.095		−13.527	

Reduktionsgrößen 1944

für 12^h Sternzeit Greenwich

Welt-Zeit		t	A		A′	B		B′	C		D	
1944		s			in 0.00001	"		in 0.001	"		"	
Mai	1.890	0.3324	+0.01493	246	+369	+4.733	11	−27	−14.095	212	−13.527	257
	2.887	0.3352	0.01739	249	+262	4.744	11	−51	13.883	215	13.784	253
	3.884	0.3379	0.01988	252	+114	4.755	11	−69	13.668	219	14.037	249
	4.882	0.3406	0.02240	254	− 53	4.766	11	−74	13.449	223	14.286	245
	5.879	0.3434	0.02494	258	−218	4.777	12	−66	13.226	227	14.531	241
	6.876	0.3461	0.02752	260	−354	4.789	11	−47	12.999	230	14.772	237
	7.873	0.3488	+0.03012	263	−439	+4.800	11	−17	−12.769	233	−15.009	233
	8.871	0.3515	0.03275	266	−456	4.811	11	+18	12.536	237	15.242	228
	9.868	0.3543	0.03541	269	−395	4.822	11	+52	12.299	240	15.470	223
	10.865	0.3570	0.03810	271	−259	4.833	10	+76	12.059	243	15.693	218
	11.862	0.3597	0.04081	274	− 80	4.843	11	+87	11.816	247	15.911	214
	12.860	0.3625	0.04355	276	+108	4.854	10	+80	11.569	250	16.125	209
	13.857	0.3652	+0.04631	279	+260	+4.864	10	+54	−11.319	254	−16.334	205
	14.854	0.3679	0.04910	282	+343	4.874	10	+14	11.065	257	16.539	200
	15.852	0.3707	0.05192	285	+332	4.884	10	−28	10.808	259	16.739	195
	16.849	0.3734	0.05477	288	+237	4.894	9	−64	10.549	262	16.934	190
	17.846	0.3761	0.05765	290	+ 80	4.903	9	−84	10.287	264	17.124	186
	18.843	0.3789	0.06055	293	− 90	4.912	9	−85	10.023	267	17.310	181
	19.841	0.3816	+0.06348	295	−233	+4.921	9	−66	− 9.756	270	−17.491	176
	20.838	0.3843	0.06643	297	−308	4.930	8	−31	9.486	272	17.667	171
	21.835	0.3870	0.06940	299	−299	4.938	8	+ 7	9.214	275	17.838	166
	22.832	0.3898	0.07239	301	−209	4.946	7	+43	8.939	278	18.004	160
	23.830	0.3925	0.07540	304	− 63	4.953	8	+67	8.661	280	18.164	155
	24.827	0.3952	0.07844	306	+105	4.961	7	+76	8.381	282	18.319	150
	25.824	0.3980	+0.08150	308	+257	+4.968	7	+70	− 8.099	284	−18.469	145
	26.822	0.4007	0.08458	311	+369	4.975	6	+48	7.815	286	18.614	140
	27.819	0.4034	0.08769	312	+415	4.981	6	+19	7.529	288	18.754	134
	28.816	0.4062	0.09081	314	+395	4.987	5	−12	7.241	290	18.888	129
	29.813	0.4089	0.09395	316	+312	4.992	5	−42	6.951	292	19.017	123
	30.811	0.4116	0.09711	317	+175	4.997	4	−63	6.659	294	19.140	118
	31.808	0.4143	+0.10028	319	+ 7	+5.001	3	−77	− 6.365	296	−19.258	113
Juni	1.805	0.4171	0.10347	322	−165	5.004	3	−75	6.069	298	19.371	108
	2.802	0.4198	0.10669	323	−320	5.007	3	−58	5.771	299	19.479	103
	3.800	0.4225	0.10992	324	−430	5.010	2	−31	5.472	300	19.582	97
	4.797	0.4253	0.11316	325	−473	5.012	2	+ 5	5.172	301	19.679	91
	5.794	0.4280	0.11641	327	−435	5.014	1	+42	4.871	303	19.770	85
	6.791	0.4307	+0.11968	328	−317	+5.015	0	+70	− 4.568	304	−19.855	80
	7.789	0.4335	0.12296	329	−143	5.015	0	+88	4.264	305	19.935	75
	8.786	0.4362	0.12625	330	+ 58	5.015	1	+86	3.959	306	20.010	69
	9.783	0.4389	0.12955	332	+235	5.014	1	+67	3.653	307	20.079	63
	10.781	0.4417	0.13287	332	+348	5.013	1	+31	3.346	308	20.142	58
	11.778	0.4444	+0.13619		+377	+5.012		−12	− 3.038		−20.200	

Reduktionsgrößen 1944

für 12^h Sternzeit Greenwich

Welt-Zeit	t	A		A′	B		B′	C		D	
1944	a			in 0.00001	″		in 0.001 ″	″		″	
Juni 11.778	0.4444	+0.13619	333	+377	+5.012	2	−12	−3.038	308	−20.200	52
12.775	0.4471	0.13952	334	+310	5.010	3	−50	2.730	309	20.252	47
13.772	0.4498	0.14286	334	+169	5.007	3	−77	2.421	310	20.299	41
14.770	0.4526	0.14620	335	− 3	5.004	4	−85	2.111	311	20.340	36
15.767	0.4553	0.14955	335	−163	5.000	5	−74	1.800	311	20.376	30
16.764	0.4580	0.15290	336	−273	4.995	5	−46	1.489	311	20.406	24
17.761	0.4608	+0.15626	336	−303	+4.990	6	− 9	−1.178	311	−20.430	18
18.759	0.4635	0.15962	336	−251	4.984	7	+29	0.867	312	20.448	12
19.756	0.4662	0.16298	337	−130	4.977	7	+58	0.555	312	20.460	7
20.753	0.4690	0.16635	337	+ 27	4.970	8	+72	−0.243	312	20.467	2
21.751	0.4717	0.16972	336	+186	4.962	8	+73	+0.069	312	20.469	−4
22.748	0.4744	0.17308	336	+313	4.954	9	+58	0.381	312	20.465	9
23.745	0.4771	+0.17644	336	+388	+4.945	10	+30	+0.693	311	−20.456	15
24.742	0.4799	0.17980	336	+400	4.935	10	0	1.004	311	20.441	21
25.740	0.4826	0.18316	335	+343	4.925	11	−31	1.315	311	20.420	27
26.737	0.4853	0.18651	335	+230	4.914	11	−58	1.626	310	20.393	33
27.734	0.4881	0.18986	334	+ 73	4.903	12	−73	1.936	310	20.360	38
28.731	0.4908	0.19320	334	−103	4.891	12	−77	2.246	309	20.322	43
29.729	0.4935	+0.19654	333	−277	+4.879	13	−67	+2.555	308	−20.279	49
30.726	0.4963	0.19987	332	−415	4.866	13	−44	2.863	307	20.230	55
Juli 1.723	0.4990	0.20319	332	−492	4.853	14	−12	3.170	307	20.175	60
2.721	0.5017	0.20651	330	−491	4.839	15	+27	3.477	306	20.115	65
3.718	0.5045	0.20981	329	−400	4.824	15	+62	3.783	305	20.050	71
4.715	0.5072	0.21310	328	−240	4.809	16	+84	4.088	304	19.979	77
5.712	0.5099	+0.21638	326	− 37	+4.793	16	+91	+4.392	302	−19.902	82
6.710	0.5126	0.21964	325	+165	4.777	17	+78	4.694	301	19.820	88
7.707	0.5154	0.22289	324	+320	4.760	17	+46	4.995	300	19.732	93
8.704	0.5181	0.22613	323	+392	4.743	18	+ 5	5.295	298	19.639	99
9.701	0.5208	0.22936	321	+368	4.725	18	−37	5.593	297	19.540	104
10.699	0.5236	0.23257	319	+255	4.707	18	−72	5.890	295	19.436	109
11.696	0.5263	+0.23576	318	+ 92	+4.689	19	−87	+6.185	293	−19.327	114
12.693	0.5290	0.23894	316	− 80	4.670	20	−82	6.478	291	19.213	120
13.690	0.5318	0.24210	314	−216	4.650	20	−59	6.769	290	19.093	125
14.688	0.5345	0.24524	312	−277	4.630	21	−22	7.059	288	18.968	130
15.685	0.5372	0.24836	310	−256	4.609	21	+16	7.347	286	18.838	136
16.682	0.5399	0.25146	308	−162	4.588	21	+48	7.633	284	18.702	141
17.680	0.5427	+0.25454	307	− 19	+4.567	22	+69	+7.917	282	−18.561	146
18.677	0.5454	0.25761	305	+136	4.545	22	+74	8.199	280	18.415	151
19.674	0.5481	0.26066	302	+274	4.523	22	+64	8.479	277	18.264	156
20.671	0.5509	0.26368	300	+367	4.501	23	+42	8.756	274	18.108	161
21.669	0.5536	0.26668	298	+397	4.478	23	+13	9.030	272	17.947	166
22.666	0.5563	+0.26966		+367	+4.455		−18	+9.302		−17.781	

Reduktionsgrößen 1944

für 12^h Sternzeit Greenwich

Welt-Zeit		*t*	*A*		*A′*	*B*		*B′*	*C*		*D*	
1944		a			in 0.00001	"		in 0.001	"		"	
Juli	22.666	0.5563	+0.26966	295	+367	+4.455	23	−18	+ 9.302	270	−17.781	171
	23.663	0.5591	0.27261	293	+276	4.432	24	−46	9.572	267	17.610	176
	24.660	0.5618	0.27554	291	+139	4.408	24	−67	9.839	265	17.434	181
	25.658	0.5645	0.27845	288	− 31	4.384	25	−77	10.104	262	17.253	185
	26.655	0.5673	0.28133	286	−211	4.359	25	−73	10.366	259	17.068	190
	27.652	0.5700	0.28419	283	−367	4.334	25	−57	10.625	256	16.878	195
	28.650	0.5727	+0.28702	281	−481	+4.309	25	−27	+10.881	253	−16.683	200
	29.647	0.5754	0.28983	278	−526	4.284	25	+10	11.134	250	16.483	204
	30.644	0.5782	0.29261	275	−481	4.259	25	+47	11.384	247	16.279	209
	31.641	0.5809	0.29536	273	−350	4.234	26	+77	11.631	244	16.070	213
Aug.	1.639	0.5836	0.29809	270	−161	4.208	25	+94	11.875	241	15.857	218
	2.636	0.5864	0.30079	267	+ 51	4.183	26	+90	12.116	238	15.639	222
	3.633	0.5891	+0.30346	265	+238	+4.157	25	+65	+12.354	234	−15.417	226
	4.630	0.5918	0.30611	262	+358	4.132	26	+25	12.588	230	15.191	230
	5.628	0.5946	0.30873	260	+383	4.106	26	−19	12.818	227	14.961	235
	6.625	0.5973	0.31133	257	+310	4.080	26	−59	13.045	224	14.726	239
	7.622	0.6000	0.31390	254	+166	4.054	26	−84	13.269	220	14.487	244
	8.619	0.6027	0.31644	251	− 6	4.028	26	−88	13.489	216	14.243	248
	9.617	0.6055	+0.31895	249	−156	+4.002	26	−72	+13.705	213	−13.995	252
	10.614	0.6082	0.32144	246	−247	3.976	26	−38	13.918	209	13.743	256
	11.611	0.6109	0.32390	243	−255	3.950	26	+ 1	14.127	205	13.487	260
	12.609	0.6137	0.32633	241	−182	3.924	25	+39	14.332	201	13.227	263
	13.606	0.6164	0.32874	238	− 48	3.899	26	+64	14.533	197	12.964	266
	14.603	0.6191	0.33112	235	+110	3.873	25	+74	14.730	193	12.698	270
	15.600	0.6219	+0.33347	233	+254	+3.848	25	+69	+14.923	188	−12.428	274
	16.598	0.6246	0.33580	230	+361	3.823	25	+49	15.111	184	12.154	277
	17.595	0.6273	0.33810	227	+411	3.798	25	+22	15.295	180	11.877	280
	18.592	0.6301	0.34037	225	+397	3.773	25	− 8	15.475	176	11.597	284
	19.589	0.6328	0.34262	222	+325	3.748	25	−38	15.651	172	11.313	287
	20.587	0.6355	0.34484	220	+203	3.723	24	−61	15.823	168	11.026	291
	21.584	0.6382	+0.34704	217	+ 44	+3.699	24	−73	+15.991	163	−10.735	294
	22.581	0.6410	0.34921	215	−126	3.675	24	−75	16.154	158	10.441	297
	23.579	0.6437	0.35136	213	−296	3.651	23	−64	16.312	154	10.144	300
	24.576	0.6464	0.35349	210	−432	3.628	23	−38	16.466	149	9.844	303
	25.573	0.6492	0.35559	208	−513	3.605	23	− 6	16.615	145	9.541	306
	26.570	0.6519	0.35767	207	−515	3.582	22	+31	16.760	140	9.235	309
	27.568	0.6546	+0.35974	204	−430	+3.560	22	+66	+16.900	135	− 8.926	311
	28.565	0.6574	0.36178	202	−273	3.538	22	+87	17.035	130	8.615	313
	29.562	0.6601	0.36380	200	− 72	3.516	21	+93	17.165	126	8.302	316
	30.559	0.6628	0.36580	197	+129	3.495	21	+77	17.291	121	7.986	318
	31.557	0.6655	0.36777	195	+281	3.474	20	+44	17.412	116	7.668	321
Sept.	1.554	0.6683	+0.36972		+351	+3.454		− 1	+17.528		− 7.347	

Reduktionsgrößen 1944

für 12^h Sternzeit Greenwich

Welt-Zeit	t	A		A'	B		B'	C		D	
1944	s			in 0.00001	″		in 0.001	″		″	
Sept. 1.554	0.6683	+0.36972	194	+351	+3.454	20	−1	+17.528	111	−7.347	323
2.551	0.6710	0.37166	191	+322	3.434	19	−46	17.639	106	7.024	325
3.548	0.6737	0.37357	190	+208	3.415	19	−78	17.745	101	6.699	327
4.546	0.6765	0.37547	188	+45	3.396	18	−90	17.846	96	6.372	329
5.543	0.6792	0.37735	187	−116	3.378	18	−82	17.942	91	6.043	331
6.540	0.6819	0.37922	186	−231	3.360	17	−53	18.033	86	5.712	333
7.538	0.6847	+0.38108	184	−269	+3.343	17	−14	+18.119	81	−5.379	335
8.535	0.6874	0.38292	183	−215	3.326	16	+26	18.200	76	5.044	337
9.532	0.6901	0.38475	182	−93	3.310	16	+57	18.276	71	4.707	338
10.529	0.6929	0.38657	181	+71	3.294	15	+74	18.347	65	4.369	339
11.527	0.6956	0.38838	179	+235	3.279	15	+72	18.412	60	4.030	341
12.524	0.6983	0.39017	178	+363	3.264	14	+59	18.472	55	3.689	342
13.521	0.7010	+0.39195	178	+432	+3.250	14	+32	+18.527	49	−3.347	343
14.518	0.7038	0.39373	177	+437	3.236	13	0	18.576	44	3.004	344
15.516	0.7065	0.39550	175	+379	3.223	12	−29	18.620	39	2.660	345
16.513	0.7092	0.39725	175	+269	3.211	11	−53	18.659	33	2.315	346
17.510	0.7120	0.39900	175	+120	3.200	11	−69	18.692	28	1.969	346
18.508	0.7147	0.40075	175	−46	3.189	10	−75	18.720	23	1.623	347
19.505	0.7174	+0.40250	174	−213	+3.179	10	−69	+18.743	17	−1.276	348
20.502	0.7202	0.40424	174	−359	3.169	9	−48	18.760	12	0.928	348
21.499	0.7229	0.40598	174	−463	3.160	9	−19	18.772	6	0.580	349
22.497	0.7256	0.40772	174	−499	3.151	8	+17	18.778	1	−0.231	349
23.494	0.7283	0.40946	174	−459	3.143	7	+50	18.779	−5	+0.118	349
24.491	0.7311	0.41120	174	−340	3.136	6	+79	18.774	10	0.467	349
25.488	0.7338	+0.41294	174	−167	+3.130	6	+92	+18.764	15	+0.816	349
26.486	0.7365	0.41468	175	+29	3.124	5	+87	18.749	21	1.165	349
27.483	0.7393	0.41643	175	+199	3.119	5	+60	18.728	26	1.514	349
28.480	0.7420	0.41818	176	+300	3.114	4	+20	18.702	32	1.863	348
29.477	0.7447	0.41994	176	+311	3.110	3	−26	18.670	37	2.211	348
30.475	0.7475	0.42170	178	+231	3.107	3	−64	18.633	43	2.559	347
Okt. 1.472	0.7502	+0.42348	178	+83	+3.104	2	−87	+18.590	48	+2.906	346
2.469	0.7529	0.42526	179	−87	3.102	1	−90	18.542	54	3.252	345
3.467	0.7557	0.42705	180	−227	3.101	1	−68	18.488	59	3.597	345
4.464	0.7584	0.42885	181	−297	3.100	0	−33	18.429	65	3.942	344
5.461	0.7611	0.43066	183	−276	3.100	0	+8	18.364	71	4.286	343
6.458	0.7638	0.43249	184	−171	3.100	1	+48	18.293	76	4.629	342
7.456	0.7666	+0.43433	185	−6	+3.101	2	+70	+18.217	81	+4.971	341
8.453	0.7693	0.43618	187	+178	3.103	2	+78	18.136	86	5.312	340
9.450	0.7720	0.43805	189	+336	3.105	3	+68	18.050	91	5.652	338
10.447	0.7748	0.43994	191	+442	3.108	3	+44	17.959	97	5.990	336
11.445	0.7775	0.44185	192	+473	3.111	4	+13	17.862	103	6.326	334
12.442	0.7802	+0.44377		+436	+3.115		−21	+17.759		+6.660	

Reduktionsgrößen 1944

für 12^h Sternzeit Greenwich

Welt-Zeit	t	A		A'	B		B'	C		D	
1944	a			in 0.00001	″		in 0.″001	″		″	
Okt. 12.442	0.7802	+0.44377	194	+436	+3.115	5	−21	+17.759	109	+ 6.660	332
13.439	0.7830	0.44571	197	+337	3.120	5	−48	17.650	114	6.992	330
14.437	0.7857	0.44768	199	+195	3.125	6	−67	17.536	119	7.322	329
15.434	0.7884	0.44967	201	+ 27	3.131	6	−74	17.417	124	7.651	327
16.431	0.7911	0.45168	203	−138	3.137	6	−72	17.293	129	7.978	325
17.428	0.7939	0.45371	205	−289	3.143	7	−56	17.164	134	8.303	323
18.426	0.7966	+0.45576	207	−405	+3.150	7	−29	+17.030	139	+ 8.626	320
19.423	0.7993	0.45783	210	−464	3.157	7	+ 3	16.891	144	8.946	317
20.420	0.8021	0.45993	212	−447	3.164	8	+38	16.747	149	9.263	314
21.417	0.8048	0.46205	215	−361	3.172	8	+69	16.598	155	9.577	311
22.415	0.8075	0.46420	218	−214	3.180	9	+89	16.443	160	9.888	309
23.412	0.8103	0.46638	221	− 32	3.189	9	+90	16.283	165	10.197	306
24.409	0.8130	+0.46859	224	+140	+3.198	9	+72	+16.118	170	+10.503	303
25.407	0.8157	0.47083	226	+263	3.207	10	+38	15.948	175	10.806	300
26.404	0.8185	0.47309	229	+306	3.217	10	− 6	15.773	179	11.106	297
27.401	0.8212	0.47538	233	+257	3.227	10	−48	15.594	184	11.403	294
28.398	0.8239	0.47771	235	+126	3.237	10	−79	15.410	189	11.697	291
29.396	0.8266	0.48006	238	− 46	3.247	11	−91	15.221	194	11.988	287
30.393	0.8294	+0.48244	241	−208	+3.258	11	−80	+15.027	198	+12.275	283
31.390	0.8321	0.48485	244	−314	3.269	11	−51	14.829	203	12.558	280
Nov. 1.387	0.8348	0.48729	247	−335	3.280	11	−10	14.626	207	12.838	276
2.385	0.8376	0.48976	251	−261	3.291	11	+31	14.419	212	13.114	272
3.382	0.8403	0.49227	254	−115	3.302	11	+64	14.207	216	13.386	268
4.379	0.8430	0.49481	257	+ 75	3.313	12	+79	13.991	221	13.654	264
5.376	0.8458	+0.49738	260	+262	+3.325	11	+76	+13.770	225	+13.918	260
6.374	0.8485	0.49998	263	+404	3.336	12	+56	13.545	230	14.178	256
7.371	0.8512	0.50261	266	+478	3.348	12	+26	13.315	234	14.434	252
8.368	0.8539	0.50527	270	+477	3.360	11	− 9	13.081	238	14.686	247
9.366	0.8567	0.50797	273	+400	3.371	12	−39	12.843	241	14.933	242
10.363	0.8594	0.51070	276	+266	3.383	11	−64	12.602	246	15.175	238
11.360	0.8621	+0.51346	279	+103	+3.394	12	−75	+12.356	250	+15.413	233
12.357	0.8649	0.51625	283	− 71	3.406	11	−77	12.106	253	15.646	229
13.355	0.8676	0.51908	286	−234	3.417	11	−65	11.853	257	15.875	224
14.352	0.8703	0.52194	288	−361	3.428	11	−39	11.596	260	16.099	219
15.349	0.8731	0.52482	291	−436	3.439	11	− 7	11.336	264	16.318	214
16.346	0.8758	0.52773	295	−442	3.450	10	+28	11.072	268	16.532	209
17.344	0.8785	+0.53068	298	−376	+3.460	11	+59	+10.804	271	+16.741	204
18.341	0.8813	0.53366	301	−245	3.471	10	+83	10.533	275	16.945	200
19.338	0.8840	0.53667	304	− 72	3.481	10	+92	10.258	278	17.145	195
20.336	0.8867	0.53971	307	+104	3.491	9	+81	9.980	281	17.340	189
21.333	0.8894	0.54278	310	+245	3.500	9	+53	9.699	284	17.529	184
22.330	0.8922	+0.54588		+317	+3.509		+13	+ 9.415		+17.713	

Reduktionsgrößen 1944

für 12ʰ Sternzeit Greenwich

Welt-Zeit	*t*	*A*		*A′*	*B*		*B′*	*C*		*D*	
1944	a			in 0.00001	"		in 0.001"	"		"	
Nov. 22.330	0.8922	+0.54588	313	+317	+3.509	9	+13	+9.415	287	+17.713	178
23.327	0.8949	0.54901	315	+299	3.518	9	−31	9.128	291	17.891	172
24.325	0.8976	0.55216	318	+193	3.527	8	−66	8.837	294	18.063	166
25.322	0.9004	0.55534	321	+ 30	3.535	8	−87	8.543	296	18.229	160
26.319	0.9031	0.55855	323	−147	3.543	7	−88	8.247	299	18.389	155
27.316	0.9058	0.56178	326	−290	3.550	6	−65	7.948	301	18.544	150
28.314	0.9086	+0.56504	328	−356	+3.556	6	−29	+7.647	304	+18.694	144
29.311	0.9113	0.56832	331	−331	3.562	6	+13	7.343	306	18.838	139
30.308	0.9140	0.57163	333	−215	3.568	5	+52	7.037	308	18.977	133
Dez. 1.305	0.9167	0.57496	335	− 39	3.573	5	+73	6.729	310	19.110	127
2.303	0.9195	0.57831	338	+155	3.578	4	+82	6.419	312	19.237	120
3.300	0.9222	0.58169	339	+326	3.582	4	+68	6.107	314	19.357	114
4.297	0.9249	+0.58508	341	+441	+3.586	3	+41	+5.793	316	+19.471	108
5.295	0.9277	0.58849	343	+482	3.589	2	+ 6	5.477	319	19.579	102
6.292	0.9304	0.59192	344	+439	3.591	2	−28	5.158	321	19.681	96
7.289	0.9331	0.59536	346	+330	3.593	1	−56	4.837	322	19.777	91
8.286	0.9359	0.59882	348	+173	3.594	1	−74	4.515	323	19.868	85
9.284	0.9386	0.60230	350	− 6	3.595	0	−80	4.192	324	19.953	78
10.281	0.9413	+0.60580	351	−181	+3.595	1	−71	+3.868	326	+20.031	72
11.278	0.9441	0.60931	352	−328	3.594	1	−52	3.542	327	20.103	65
12.275	0.9468	0.61283	353	−426	3.593	2	−21	3.215	328	20.168	58
13.273	0.9495	0.61636	354	−455	3.591	3	+15	2.887	329	20.226	52
14.270	0.9522	0.61990	355	−409	3.588	3	+50	2.558	330	20.278	46
15.267	0.9550	0.62345	356	−294	3.585	4	+78	2.228	331	20.324	40
16.265	0.9577	+0.62701	357	−127	+3.581	5	+92	+1.897	331	+20.364	34
17.262	0.9604	0.63058	357	+ 60	3.576	6	+87	1.566	332	20.398	27
18.259	0.9632	0.63415	358	+222	3.570	6	+66	1.234	332	20.425	21
19.256	0.9659	0.63773	358	+329	3.564	7	+29	0.902	332	20.446	14
20.254	0.9686	0.64131	358	+344	3.557	7	−15	0.570	333	20.460	8
21.251	0.9714	0.64489	359	+271	3.550	8	−54	+0.237	333	20.468	1
22.248	0.9741	+0.64848	358	+122	+3.542	9	−82	− 0.096	333	+20.469	5
23.245	0.9768	0.65206	358	− 58	3.533	10	−87	0.429	333	20.464	12
24.243	0.9795	0.65564	358	−223	3.523	10	−74	0.762	332	20.452	18
25.240	0.9823	0.65922	357	−327	3.513	11	−43	1.094	332	20.434	24
26.237	0.9850	0.66279	357	−347	3.502	12	− 4	1.426	332	20.410	30
27.234	0.9877	0.66636	356	−273	3.490	12	+35	1.758	332	20.380	37
28.232	0.9905	+0.66992	356	−128	+3.478	13	+66	−2.090	331	+20.343	44
29.229	0.9932	0.67348	355	+ 60	3.465	14	+79	2.421	330	20.299	50
30.226	0.9959	0.67703	354	+240	3.451	14	+75	2.751	329	20.249	57
31.224	0.9987	0.68057	353	+381	3.437	15	+53	3.080	328	20.192	63
32.221	1.0014	0.68410	353	+454	3.422	16	+22	3.408	327	20.129	69
33.218	1.0041	+0.68763		+448	+3.406		−12	−3.735		+20.060	

Reduktionsgrößen 1944

für 12^h Sternzeit Greenwich

Welt-Zeit		*t*	log *A*	log *B*	log *C*	log *D*	*E*
1944		h					s
Jan.	0.2	−0.0034	9.42904*n*	0.79351	0.45179*n*	1.30612	−0.0021
	10.2	+0.0239	9.37053*n*	0.78204	0.78262*n*	1.28722	21
	20.2	0.0512	9.30711*n*	0.76612	0.95918*n*	1.25295	21
	30.1	0.0785	9.23965*n*	0.74671	1.07379*n*	1.20077	21
Febr.	9.1	0.1058	9.1690[illegible]*n*	0.72534	1.15305*n*	1.12587	22
	19.1	0.1331	9.09583*n*	0.70381	1.20820*n*	1.01878	−0.0022
	29.1	0.1604	9.01924*n*	0.68431	1.24487*n*	0.85818	22
März	10.0	0.1877	8.93646*n*	0.66876	1.26511*n*	0.57807	22
	20.0	0.2150	8.84098*n*	0.65849	1.27365*n*	9.40993	22
	30.0	0.2423	8.71883*n*	0.65456	1.26811*n*	0.51295*n*	22
April	9.0	0.2696	8.53605*n*	0.65629	1.24942*n*	0.82334*n*	−0.0023
	18.9	0.2969	8.16286*n*	0.66276	1.21656*n*	0.99322*n*	23
	28.9	0.3242	7.88705	0.67210	1.16747*n*	1.10490*n*	23
Mai	8.9	0.3515	8.51521	0.68224	1.09816*n*	1.18304*n*	23
	18.8	0.3789	8.78211	0.69126	1.00100*n*	1.23830*n*	23
	28.8	0.4062	8.95813	0.69784	0.85980*n*	1.27619*n*	−0.0023
Juni	7.8	0.4335	9.08976	0.70027	0.62982*n*	1.29962*n*	23
	17.8	0.4608	9.19385	0.69810	0.07115*n*	1.31027*n*	23
	27.7	0.4881	9.27843	0.69046	0.28691	1.30878*n*	23
Juli	7.7	0.5154	9.34809	0.67761	0.69854	1.29517*n*	24
	17.7	0.5427	9.40576	0.65963	0.89856	1.26860*n*	−0.0024
	27.7	0.5700	9.45361	0.63689	1.02633	1.22732*n*	24
Aug.	6.6	0.5973	9.49322	0.61066	1.11544	1.16808*n*	24
	16.6	0.6246	9.52608	0.58240	1.17929	1.08472*n*	24
	26.6	0.6519	9.55348	0.55413	1.22427	0.96544*n*	24
Sept.	5.5	0.6792	9.57674	0.52866	1.25387	0.78125*n*	−0.0024
	15.5	0.7065	9.59715	0.50826	1.26998	0.42488*n*	24
	25.5	0.7338	9.61589	0.49554	1.27333	9.91169	24
Okt.	5.5	0.7611	9.63414	0.49136	1.26397	0.63205	24
	15.4	0.7884	9.65289	0.49568	1.24097	0.88372	25
	25.4	0.8157	9.67286	0.50610	1.20271	1.03366	−0.0025
Nov.	4.4	0.8430	9.69444	0.52022	1.14585	1.13526	25
	14.4	0.8703	9.71762	0.53504	1.06431	1.20680	25
	24.3	0.8976	9.74206	0.54741	0.94630	1.25679	25
Dez.	4.3	0.9249	9.76722	0.55461	0.76290	1.28939	25
	14.3	0.9522	9.79232	0.55485	0.40790	1.30703	−0.0025
	24.2	0.9795	9.81667	0.54691	9.88195*n*	1.31074	25
	34.2	1.0069	9.83957	0.53020	0.60863*n*	1.30070	−0.0025

Reduktionsgrößen 1944

Übertragung mittlerer Sternörter

von dem Äquinoktium t_1 auf $t_2 = 1944.0$

t_1	$m^s(t_2-t_1)$	$n^s(t_2-t_1)$	$n''(t_2-t_1)$	log $n^s(t_2-t_1)$	log $n''(t_2-t_1)$
	m s	s	"		
1755	+9 40.494	+252.644	+3789.67	2.402509	3.578601
1790	7 53.045	205.843	3087.65	2.313536	3.489628
1800	7 22.342	192.473	2887.09	2.284370	3.460461
1810	6 51.636	179.103	2686.54	2.253103	3.429193
1825	6 5.574	159.049	2385.73	2.201531	3.377621
1830	+5 50.219	+152.365	+2285.47	2.182885	3.358975
1835	5 34.864	145.680	2185.20	2.163400	3.339491
1840	5 19.508	138.996	2084.94	2.143003	3.319093
1845	5 4.151	132.312	1984.68	2.121599	3.297691
1850	4 48.795	125.629	1884.43	2.099090	3.275180
1855	+4 33.437	+118.945	+1784.17	2.075346	3.251437
1860	4 18.080	112.262	1683.92	2.050233	3.226321
1865	4 2.721	105.578	1583.67	2.023574	3.199665
1870	3 47.363	98.895	1483.42	1.995174	3.171264
1875	3 32.004	92.212	1383.18	1.964787	3.140879
1880	+3 16.644	+ 85.529	+1282.93	1.93211	3.108203
1885	3 1.284	78.846	1182.69	1.89678	3.072871
1890	2 45.923	72.164	1082.45	1.85832	3.034408
1895	2 30.562	65.481	982.21	1.81612	2.992204
1900	2 15.201	58.799	881.98	1.76937	2.945459
1905	+1 59.839	+ 52.116	+ 781.75	1.71697	2.89307
1910	1 44.477	45.434	681.51	1.65738	2.83347
1915	1 29.114	38.752	581.29	1.58829	2.76439
1920	1 13.751	32.071	481.06	1.50611	2.68220
1925	0 58.387	25.389	380.83	1.40465	2.58073
1930	+ 43.022	+ 18.708	+ 280.61	1.27203	2.44810
1935	27.658	12.026	180.39	1.08012	2.25621
1940	+ 12.293	+ 5.345	+ 80.17	0.72795	1.90401
1945	− 3.073	− 1.336	− 20.04	0.12581*n*	1.30190*n*
1950	− 18.439	− 8.017	− 120.26	0.90401*n*	2.08012*n*

Sind α_1, δ_1 die Koordinaten für t_1 und α_2, δ_2 jene für $t_2 = 1944.0$, ist ferner α', δ' der genäherte Sternort für die Zeit

$$\frac{1}{2}(t_1 + t_2),$$

so ist

$$\alpha_2 = \alpha_1 + m^s(t_2 - t_1) + [n^s(t_2 - t_1)] \sin \alpha' \operatorname{tg} \delta'$$
$$\delta_2 = \delta_1 + [n''(t_2 - t_1)] \cos \alpha'$$

Übertragung mittlerer Polsternörter

von dem Äquinoktium t_1 auf $t_2 = 1944.0$

t_1	$90° - (N)$		$(m) + (N) - 90°$		(n)
	′ ″	m s	′ ″	m s	′ ″
1755	+72 32.41	+4 50.161	+72 35.24	+4 50.349	+63 9.38
1790	59 6.96	3 56.464	59 8.85	3 56.590	51 27.49
1800	55 16.79	3 41.119	55 18.44	3 41.229	48 6.96
1810	51 26.60	3 25.773	51 28.02	3 25.868	44 46.44
1825	45 41.27	3 2.751	45 42.39	3 2.826	39 45.66
1830	+43 46.15	+2 55.077	+43 47.18	+2 55.146	+38 5.40
1835	41 51.03	2 47.402	41 51.97	2 47.465	36 25.15
1840	39 55.90	2 39.727	39 56.75	2 39.784	34 44.90
1845	38 0.76	2 32.051	38 1.53	2 32.103	33 4.64
1850	36 5.62	2 24.375	36 6.32	2 24.421	31 24.38
1855	+34 10.48	+2 16.699	+34 11.10	+2 16.740	+29 44.14
1860	32 15.33	2 9.022	32 15.88	2 9.059	28 3.90
1865	30 20.17	2 1.345	30 20.66	2 1.378	26 23.65
1870	28 25.01	1 53.667	28 25.44	1 53.696	24 43.41
1875	26 29.84	1 45.990	26 30.22	1 46.015	23 3.16
1880	+24 34.67	+1 38.312	+24 35.00	+1 38.333	+21 22.92
1885	22 39.50	1 30.633	22 39.77	1 30.651	19 42.68
1890	20 44.31	1 22.954	20 44.54	1 22.970	18 2.45
1895	18 49.12	1 15.275	18 49.32	1 15.287	16 22.21
1900	16 53.93	1 7.596	16 54.09	1 7.605	14 41.98
1905	+14 58.73	+0 59.916	+14 58.85	+0 59.923	+13 1.75
1910	13 3.53	0 52.236	13 3.62	0 52.241	11 21.51
1915	11 8.32	0 44.555	11 8.39	0 44.559	9 41.29
1920	9 13.10	0 36.874	9 13.15	0 36.876	8 1.06
1925	7 17.88	0 29.192	7 17.91	0 29.194	6 20.84
1930	+ 5 22.66	+0 21.511	+ 5 22.67	+0 21.511	+ 4 40.62
1935	3 27.43	0 13.829	3 27.44	0 13.829	3 0.39
1940	+ 1 32.19	+0 6.146	+ 1 32.19	+0 6.146	+ 1 20.17
1945	− 0 23.05	−0 1.537	− 0 23.05	−0 1.537	− 0 20.04
1950	− 2 18.30	−0 9.220	− 2 18.30	−0 9.220	− 2 0.25

Sind α_1, δ_1 die Koordinaten für t_1 und α_2, δ_2 jene für $t_2 = 1944.0$, so hat man

zur Reduktion von dem Äquinoktium t_1 auf t_2:

$$a_1 = \alpha_1 + [90° - (N)]$$

$$p_1 = \left(\text{tang}\, \delta_1 + \cos a_1 \,\text{tang}\, \tfrac{1}{2}(n)\right) \sin (n)$$

$$\text{tang}\, \Delta a_1 = \frac{p_1 \sin a_1}{1 - p_1 \cos a_1}$$

$$\alpha_2 = a_1 + [(m) + (N) - 90°] + \Delta a_1$$

$$\text{tang}\, \tfrac{1}{2}(\delta_2 - \delta_1) = \cos\left(a_1 + \tfrac{1}{2}\Delta a_1\right) \sec \tfrac{1}{2}\Delta a_1 \,\text{tang}\, \tfrac{1}{2}(n)$$

zur Reduktion von dem Äquinoktium t_2 auf t_1:

$$a_2 = \alpha_2 - [(m) + (N) - 90°]$$

$$p_2 = -\left(\text{tang}\, \delta_2 - \cos a_2 \,\text{tang}\, \tfrac{1}{2}(n)\right) \sin (n)$$

$$\text{tang}\, \Delta a_2 = \frac{p_2 \sin a_2}{1 - p_2 \cos a_2}$$

$$\alpha_1 = a_2 - [90° - (N)] + \Delta a_2$$

$$\text{tang}\, \tfrac{1}{2}(\delta_1 - \delta_2) = -\cos\left(a_2 + \tfrac{1}{2}\Delta a_2\right) \sec \tfrac{1}{2}\Delta a_2 \,\text{tang}\, \tfrac{1}{2}(n)$$

Reduktion von Koordinatendifferenzen scheinbarer Örter auf Differenzen mittlerer Örter für den Jahresanfang.

Sind $\Delta\alpha$ und $\Delta\delta$ die gemessenen Koordinatendifferenzen der scheinbaren Örter im Sinne Objekt minus Stern, $d\Delta\alpha$ und $d\Delta\delta$ die an ihnen anzubringenden Korrektionen, um Koordinatendifferenzen zu erhalten, die sich auf das mittlere Äquinoktium des Jahresanfangs beziehen, so wird

$$d\Delta\alpha = (d\Delta\alpha)_1 + (d\Delta\alpha)_2$$
$$d\Delta\delta = (d\Delta\delta)_1 + (d\Delta\delta)_2,$$

wobei

$$(d\Delta\alpha)_1 = -j\cos(G+\alpha)\frac{\text{tg}\,\delta}{15}\Delta\alpha^{\text{m}} - j\sin(G+\alpha)\frac{\sec^2\delta}{225}\Delta\delta'$$

$$(d\Delta\alpha)_2 = -k\cos(H+\alpha)\frac{\sec\delta}{15}\Delta\alpha^{\text{m}} - k\sin(H+\alpha)\frac{\text{tg}\,\delta\sec\delta}{225}\Delta\delta'$$

$$(d\Delta\delta)_1 = j\sin(G+\alpha)\Delta\alpha^{\text{m}}$$

$$(d\Delta\delta)_2 = k\sin(H+\alpha)\sin\delta\,\Delta\alpha^{\text{m}} - k\cos(H+\alpha)\frac{\cos\delta}{15}\Delta\delta' + [0.0003\,i\sin\delta\,\Delta\delta']$$

Hierin bezeichnen $(d\Delta\alpha)_1$ und $(d\Delta\delta)_1$ den Einfluß der Präzession und Nutation, $(d\Delta\alpha)_2$ und $(d\Delta\delta)_2$ den Einfluß der Aberration.

Die Größen G, H, j, k, i sind auf S. 252*—269* zu finden. Die Faktoren $\frac{1}{15}\text{tg}\,\delta$, $\frac{1}{225}\sec^2\delta$, $\frac{1}{15}\sec\delta$, $\frac{1}{225}\text{tg}\,\delta\sec\delta$, $\sin\delta$, $\frac{1}{15}\cos\delta$ entnehme man der Zusammenstellung auf S. 283*. Die numerischen Werte der Funktionen sinus und cosinus sind auf S. 284* enthalten. $\Delta\alpha^{\text{m}}$ bedeutet die in Zeitminuten ausgedrückte gemessene Rektaszensionsdifferenz, $\Delta\delta'$ ist die in Bogenminuten ausgedrückte gemessene Deklinationsdifferenz. Die Größen $d\Delta\alpha$ und $d\Delta\delta$ ergeben sich in Zeit- bzw. Bogensekunden. Das in eckige Klammern gesetzte Glied $0.0003\,i\sin\delta\,\Delta\delta'$ in der Formel für $(d\Delta\delta)_2$ beträgt für $\Delta\delta' = 10'$ im Maximum $0''.02$ und kann daher in den meisten Fällen unberücksichtigt bleiben.

δ	$\frac{1}{15}\,\mathrm{tg}\,\delta$	$\frac{1}{225}\sec^2\delta$	$\frac{1}{15}\sec\delta$	$\frac{1}{225}\,\mathrm{tg}\,\delta\sec\delta$	$\sin\delta$	$\frac{1}{15}\cos\delta$	$\mathrm{tg}\,\delta$	$\frac{1}{15}\sec^2\delta$	δ
0°	0.000	0.004	0.067	0.000	0.00	0.07	0.00	0.07	0°
5	0.006	0.004	0.067	0.000	0.09	0.07	0.09	0.07	5
10	0.012	0.005	0.068	0.001	0.17	0.07	0.18	0.07	10
15	0.018	0.005	0.069	0.001	0.26	0.06	0.27	0.07	15
20	0.024	0.005	0.071	0.002	0.34	0.06	0.36	0.08	20
25	0.031	0.005	0.074	0.002	0.42	0.06	0.47	0.08	25
30	0.038	0.006	0.077	0.003	0.50	0.06	0.58	0.09	30
35	0.047	0.007	0.081	0.004	0.57	0.05	0.70	0.10	35
40	0.056	0.008	0.087	0.005	0.64	0.05	0.84	0.11	40
40	0.056	0.008	0.087	0.005	0.64	0.05	0.84	0.11	40
42	0.060	0.008	0.090	0.005	0.67	0.05	0.90	0.12	42
44	0.064	0.009	0.093	0.006	0.69	0.05	0.97	0.13	44
46	0.069	0.009	0.096	0.007	0.72	0.05	1.04	0.14	46
48	0.074	0.010	0.100	0.007	0.74	0.04	1.11	0.15	48
50	0.079	0.011	0.104	0.008	0.77	0.04	1.19	0.16	50
52	0.085	0.012	0.108	0.009	0.79	0.04	1.28	0.18	52
54	0.092	0.013	0.113	0.010	0.81	0.04	1.38	0.19	54
56	0.099	0.014	0.119	0.012	0.83	0.04	1.48	0.21	56
58	0.107	0.016	0.126	0.013	0.85	0.04	1.60	0.24	58
60	0.115	0.018	0.133	0.015	0.87	0.03	1.73	0.27	60
60	0.115	0.018	0.133	0.015	0.87	0.03	1.73	0.27	60
61	0.120	0.019	0.138	0.017	0.87	0.03	1.80	0.28	61
62	0.125	0.020	0.142	0.018	0.88	0.03	1.88	0.30	62
63	0.131	0.022	0.147	0.019	0.89	0.03	1.96	0.32	63
64	0.137	0.023	0.152	0.021	0.90	0.03	2.05	0.35	64
65	0.143	0.025	0.158	0.023	0.91	0.03	2.14	0.37	65
66	0.150	0.027	0.164	0.025	0.91	0.03	2.25	0.40	66
67	0.157	0.029	0.171	0.027	0.92	0.03	2.36	0.44	67
68	0.165	0.032	0.178	0.029	0.93	0.02	2.48	0.48	68
69	0.174	0.035	0.186	0.032	0.93	0.02	2.61	0.52	69
70	0.183	0.038	0.195	0.036	0.94	0.02	2.75	0.57	70
71	0.194	0.042	0.205	0.040	0.95	0.02	2.90	0.63	71
72	0.205	0.047	0.216	0.044	0.95	0.02	3.08	0.70	72
73	0.218	0.052	0.228	0.050	0.96	0.02	3.27	0.78	73
74	0.232	0.058	0.242	0.056	0.96	0.02	3.49	0.88	74
75	0.249	0.066	0.258	0.064	0.97	0.02	3.73	1.00	75
75.0°	0.249	0.066	0.258	0.064	0.97	0.02	3.73	1.00	75.0°
75.5	0.258	0.071	0.266	0.069	0.97	0.02	3.87	1.06	75.5
76.0	0.267	0.076	0.276	0.074	0.97	0.02	4.01	1.14	76.0
76.5	0.278	0.082	0.286	0.079	0.97	0.02	4.17	1.22	76.5
77.0	0.289	0.088	0.296	0.086	0.97	0.01	4.33	1.32	77.0
77.5	0.301	0.095	0.308	0.093	0.98	0.01	4.51	1.42	77.5
78.0	0.314	0.103	0.321	0.101	0.98	0.01	4.70	1.54	78.0
78.5	0.328	0.112	0.334	0.110	0.98	0.01	4.92	1.68	78.5
79.0	0.343	0.122	0.349	0.120	0.98	0.01	5.14	1.83	79.0
79.5	0.360	0.134	0.366	0.132	0.98	0.01	5.40	2.01	79.5
80.0	0.378	0.147	0.384	0.145	0.98	0.01	5.67	2.21	80.0

Sinus

	0^h	1^h	2^h	3^h	4^h	5^h	
0^m	0.000	0.259	0.500	0.707	0.866	0.966	60
1	0.004	0.263	0.504	0.710	0.868	0.967	59
2	0.009	0.267	0.508	0.713	0.870	0.968	58
3	0.013	0.271	0.511	0.716	0.872	0.969	57
4	0.017	0.276	0.515	0.719	0.875	0.970	56
5	0.022	0.280	0.519	0.722	0.877	0.971	55
6	0.026	0.284	0.522	0.725	0.879	0.972	54
7	0.031	0.288	0.526	0.728	0.881	0.973	53
8	0.035	0.292	0.530	0.731	0.883	0.974	52
9	0.039	0.297	0.534	0.734	0.885	0.975	51
10	0.044	0.301	0.537	0.737	0.887	0.976	50
11	0.048	0.305	0.541	0.740	0.889	0.977	49
12	0.052	0.309	0.545	0.743	0.891	0.978	48
13	0.057	0.313	0.548	0.746	0.893	0.979	47
14	0.061	0.317	0.552	0.749	0.895	0.980	46
15	0.065	0.321	0.556	0.752	0.897	0.981	45
16	0.070	0.326	0.559	0.755	0.899	0.982	44
17	0.074	0.330	0.563	0.758	0.901	0.982	43
18	0.078	0.334	0.566	0.760	0.903	0.983	42
19	0.083	0.338	0.570	0.763	0.904	0.984	41
20	0.087	0.342	0.574	0.766	0.906	0.985	40
21	0.092	0.346	0.577	0.769	0.908	0.986	39
22	0.096	0.350	0.581	0.772	0.910	0.986	38
23	0.100	0.354	0.584	0.774	0.912	0.987	37
24	0.105	0.358	0.588	0.777	0.914	0.988	36
25	0.109	0.362	0.591	0.780	0.915	0.988	35
26	0.113	0.367	0.595	0.783	0.917	0.989	34
27	0.118	0.371	0.598	0.785	0.919	0.990	33
28	0.122	0.375	0.602	0.788	0.921	0.990	32
29	0.126	0.379	0.605	0.791	0.922	0.991	31
30	0.131	0.383	0.609	0.793	0.924	0.991	30
31	0.135	0.387	0.612	0.796	0.926	0.992	29
32	0.139	0.391	0.616	0.799	0.927	0.993	28
33	0.143	0.395	0.619	0.801	0.929	0.993	27
34	0.148	0.399	0.623	0.804	0.930	0.994	26
35	0.152	0.403	0.626	0.806	0.932	0.994	25
36	0.156	0.407	0.629	0.809	0.934	0.995	24
37	0.161	0.411	0.633	0.812	0.935	0.995	23
38	0.165	0.415	0.636	0.814	0.937	0.995	22
39	0.169	0.419	0.639	0.817	0.938	0.996	21
40	0.174	0.423	0.643	0.819	0.940	0.996	20
41	0.178	0.427	0.646	0.822	0.941	0.997	19
42	0.182	0.431	0.649	0.824	0.943	0.997	18
43	0.187	0.434	0.653	0.827	0.944	0.997	17
44	0.191	0.438	0.656	0.829	0.946	0.998	16
45	0.195	0.442	0.659	0.831	0.947	0.998	15
46	0.199	0.446	0.663	0.834	0.948	0.998	14
47	0.204	0.450	0.666	0.836	0.950	0.998	13
48	0.208	0.454	0.669	0.839	0.951	0.999	12
49	0.212	0.458	0.672	0.841	0.952	0.999	11
50	0.216	0.462	0.676	0.843	0.954	0.999	10
51	0.221	0.466	0.679	0.846	0.955	0.999	9
52	0.225	0.469	0.682	0.848	0.956	0.999	8
53	0.229	0.473	0.685	0.850	0.958	1.000	7
54	0.233	0.477	0.688	0.853	0.959	1.000	6
55	0.238	0.481	0.692	0.855	0.960	1.000	5
56	0.242	0.485	0.695	0.857	0.961	1.000	4
57	0.246	0.489	0.698	0.859	0.962	1.000	3
58	0.250	0.492	0.701	0.862	0.964	1.000	2
59	0.255	0.496	0.704	0.864	0.965	1.000	1
60	0.259	0.500	0.707	0.866	0.966	1.000	0^m
	5^h	4^h	3^h	2^h	1^h	0^h	

Cosinus

Reduktionsgrößen 1944

Übertragung von Rektaszensions- und Deklinationsdifferenzen vom mittleren Äquinoktium 1944.0 auf das Normaläquinoktium 1950.0

α	a_1	a_2	d_1	α	α	a_1	a_2	d_1	α
h m				h m	h m				h m
0 0	+0.0350+	+0.0000−	−0.000+	24 0	6 0	−0.0000−	+0.0350−	−0.525+	18 0
10	0350	0015	023	50	10	0015	0350	524	50
20	0349	0031	046	40	20	0031	0349	523	40
30	0347	0046	069	30	30	0046	0347	520	30
40	0345	0061	091	20	40	0061	0345	517	20
50	0342	0076	114	10	50	0076	0342	512	10
1 0	+0.0338+	+0.0091−	−0.136+	23 0	7 0	−0.0091−	+0.0338−	−0.507+	17 0
10	0334	0105	158	50	10	0105	0334	500	50
20	0329	0120	179	40	20	0120	0329	493	40
30	0323	0134	201	30	30	0134	0323	485	30
40	0317	0148	222	20	40	0148	0317	476	20
50	0310	0162	242	10	50	0162	0310	465	10
2 0	+0.0303+	+0.0175−	−0.262+	22 0	8 0	−0.0175−	+0.0303−	−0.454+	16 0
10	0295	0188	282	50	10	0188	0295	443	50
20	0287	0201	301	40	20	0201	0287	430	40
30	0278	0213	319	30	30	0213	0278	416	30
40	0268	0225	337	20	40	0225	0268	402	20
50	0258	0236	355	10	50	0236	0258	387	10
3 0	+0.0247+	+0.0247−	−0.371+	21 0	9 0	−0.0247−	+0.0247−	−0.371+	15 0
10	0236	0258	387	50	10	0258	0236	355	50
20	0225	0268	402	40	20	0268	0225	337	40
30	0213	0278	416	30	30	0278	0213	319	30
40	0201	0287	430	20	40	0287	0201	301	20
50	0188	0295	443	10	50	0295	0188	282	10
4 0	+0.0175+	+0.0303−	−0.454+	20 0	10 0	−0.0303−	+0.0175−	−0.262+	14 0
10	0162	0310	465	50	10	0310	0162	242	50
20	0148	0317	476	40	20	0317	0148	222	40
30	0134	0323	485	30	30	0323	0134	201	30
40	0120	0329	493	20	40	0329	0120	179	20
50	0105	0334	500	10	50	0334	0105	158	10
5 0	+0.0091+	+0.0338−	−0.507+	19 0	11 0	−0.0338−	+0.0091−	−0.136+	13 0
10	0076	0342	512	50	10	0342	0076	114	50
20	0061	0345	517	40	20	0345	0061	091	40
30	0046	0347	520	30	30	0347	0046	069	30
40	0031	0349	523	20	40	0349	0031	046	20
50	0015	0350	524	10	50	0350	0015	023	10
6 0	+0.0000+	+0.0350−	−0.525+	18 0	12 0	−0.0350−	+0.0000−	−0.000+	12 0

Für α zwischen 12^h und 24^h gelten die Vorzeichen zur Rechten.

$$\Delta\alpha_{1950.0} = \Delta\alpha_{1944.0} + a_1 \cdot \operatorname{tg}\delta \cdot \Delta\alpha^m + a_2 \cdot \frac{1}{15}\sec^2\delta \cdot \Delta\delta';$$

$$\Delta\delta_{1950.0} = \Delta\delta_{1944.0} + d_1 \cdot \Delta\alpha^m$$

$\Delta\alpha^m$ bedeutet die Rektaszensionsdifferenz in Zeitminuten, $\Delta\delta'$ ist die Deklinationsdifferenz in Bogenminuten.

Die Werte von $\operatorname{tg}\delta$ und $\frac{1}{15}\sec^2\delta$ sind auf S. 283* enthalten.

Reduktionsgrößen 1944

Reduktion vom mittleren Äquinoktium 1950.0 auf das jedesmalige wahre Äquinoktium

0^h Welt-Zeit	f	log g	G	0^h Welt-Zeit	f	log g	G
1944	s		h m s	1944	s		h m s
Jan. 1	−19.258	2.09947	11 48 41	Juni 29	−17.845	2.06621	11 50 23
6	19.206	2.09827	11 48 48	Juli 4	17.794	2.06495	11 50 29
11	19.155	2.09710	11 48 56	9	17.744	2.06372	11 50 37
16	19.105	2.09595	11 49 6	14	17.695	2.06250	11 50 47
21	19.057	2.09484	11 49 17	19	17.647	2.06132	11 50 58
26	−19.011	2.09378	11 49 29	24	−17.601	2.06016	11 51 10
31	18.968	2.09278	11 49 42	29	17.557	2.05906	11 51 24
Febr. 5	18.927	2.09182	11 49 56	Aug. 3	17.514	2.05799	11 51 38
10	18.889	2.09092	11 50 10	8	17.474	2.05697	11 51 52
15	18.853	2.09006	11 50 23	13	17.436	2.05601	11 52 7
20	−18.819	2.08928	11 50 36	18	−17.400	2.05509	11 52 21
25	18.787	2.08853	11 50 48	23	17.366	2.05423	11 52 35
März 1	18.757	2.08783	11 50 59	28	17.333	2.05340	11 52 48
6	18.729	2.08716	11 51 8	Sept. 2	17.303	2.05262	11 53 0
11	18.702	2.08652	11 51 16	7	17.274	2.05188	11 53 11
16	−18.675	2.08589	11 51 22	12	−17.245	2.05115	11 53 20
21	18.649	2.08528	11 51 26	17	17.218	2.05047	11 53 27
26	18.623	2.08467	11 51 28	22	17.191	2.04979	11 53 33
31	18.597	2.08405	11 51 29	27	17.165	2.04911	11 53 37
April 5	18.569	2.08342	11 51 27	Okt. 2	17.137	2.04842	11 53 38
10	−18.541	2.08276	11 51 24	7	−17.110	2.04771	11 53 38
15	18.511	2.08205	11 51 20	12	17.081	2.04698	11 53 36
20	18.479	2.08131	11 51 14	17	17.050	2.04620	11 53 32
25	18.446	2.08053	11 51 8	22	17.018	2.04539	11 53 27
30	18.410	2.07969	11 51 1	27	16.984	2.04451	11 53 20
Mai 5	−18.372	2.07881	11 50 53	Nov. 1	−16.947	2.04358	11 53 12
10	18.332	2.07787	11 50 45	6	16.908	2.04260	11 53 4
15	18.289	2.07688	11 50 38	11	16.867	2.04155	11 52 56
20	18.245	2.07583	11 50 31	16	16.823	2.04042	11 52 48
25	18.199	2.07474	11 50 25	21	16.777	2.03924	11 52 41
30	−18.151	2.07361	11 50 20	26	−16.728	2.03798	11 52 34
Juni 4	18.102	2.07243	11 50 17	Dez. 1	16.678	2.03668	11 52 29
9	18.051	2.07121	11 50 15	6	16.626	2.03533	11 52 25
14	18.000	2.06998	11 50 14	11	16.572	2.03392	11 52 23
19	17.949	2.06873	11 50 15	16	16.518	2.03249	11 52 23
24	−17.897	2.06747	11 50 18	21	−16.463	2.03105	11 52 25
29	17.845	2.06621	11 50 23	26	16.407	2.02958	11 52 30
Juli 4	−17.794	2.06495	11 50 29	31	−16.353	2.02812	11 52 36

Die mit den vorstehend gegebenen Größen f, log g und G berechnete Reduktion vom mittleren Äquinoktium 1950.0 auf das wahre Äquinoktium der Epoche bedarf noch einer Verbesserung, die von dem Einfluß der Variatio saecularis herrührt und auf Seite 287* enthalten ist.

Es wird somit: Red. in $\alpha = f + \frac{1}{15} g \sin(G + \alpha) \operatorname{tg} \delta$ + Korr. nach S. 287*

Red. in $\delta = g \cos(G + \alpha)$ + Korr. nach S. 287*

Reduktionsgrößen 1944

Korrektion der Reduktion vom mittleren Äquinoktium 1950.0 auf das jedesmalige wahre Äquinoktium (s. S. 286*), berechnet für 1944.0, mit Hinzufügung ihrer einjährigen Änderung.

α	δ +60°	+50°	+30°	+10°	−10°	−30°	−50°	−60°
	Für Rektaszension (in $0^{s}001$)							
0^h	+10 −3	+7 −2	+3 −1	+1 0	−1 0	−3 +1	−6 +2	−9 +3
1	+13 −4	+9 −3	+4 −1	+2 −1	0 0	−2 +1	−4 +1	−5 +2
2	+15 −5	+10 −3	+5 −2	+2 −1	+1 0	−1 0	−1 0	−1 0
3	+15 −5	+9 −3	+4 −1	+2 −1	+1 0	0 0	0 0	+2 −1
4	+12 −4	+7 −2	+4 −1	+2 −1	+1 0	+1 0	+1 0	+3 −1
5	+5 −2	+4 −1	+2 −1	+1 0	+1 0	+1 0	+1 0	+2 −1
6	0 0	0 0	0 0	0 0	0 0	0 0	0 0	+1 0
7	−6 +2	−4 +1	−1 0	−1 0	0 0	0 0	0 0	−1 0
8	−12 +4	−7 +2	−3 +1	−1 0	0 0	0 0	0 0	−2 +1
9	−15 +5	−9 +3	−4 +1	−2 −1	0 0	+1 0	0 0	−1 0
10	−15 +5	−9 +3	−4 +1	−2 −1	0 0	+1 0	+2 −1	+1 0
11	−13 +4	−8 +3	−4 +1	−1 0	+1 0	+2 −1	+4 −1	+5 −2
12	−9 +3	−6 +2	−3 +1	−1 0	+1 0	+3 −1	+7 −2	+10 −3
13	−5 +2	−4 +1	−2 +1	0 0	+2 −1	+4 −1	+9 −3	+13 −4
14	−1 0	−1 0	−1 0	+1 0	+2 −1	+5 −2	+10 −3	+15 −5
15	+2 −1	0 0	0 0	+1 0	+2 −1	+4 −1	+9 −3	+15 −5
16	+3 −1	+1 0	+1 0	+1 0	+2 −1	+4 −1	+7 −2	+12 −4
17	+2 −1	+1 0	+1 0	+1 0	+1 0	+2 −1	+4 −1	+7 −2
18	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
19	−1 0	0 0	0 0	0 0	−1 0	−1 0	−4 +1	−6 +2
20	−2 +1	0 0	0 0	0 0	−1 0	−3 +1	−7 +2	−12 +4
21	−1 0	0 0	+1 0	0 0	−2 +1	−4 +1	−9 +3	−15 +5
22	+1 0	+2 −1	+1 0	0 0	−2 +1	−4 +1	−9 +3	−15 +5
23	+5 −2	+4 −1	+2 −1	+1 0	−1 0	−4 +1	−8 +3	−13 +4
24	+10 −3	+7 −2	+3 −1	+1 0	−1 0	−3 +1	−6 +2	−9 +3
	Für Deklination (in $0''01$)							
0^h	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1	−3 +1	−3 +1	−2 +1	−2 +1	−2 +1	−2 +1	−2 +1	−2 +1
2	−6 +2	−5 +2	−5 +2	−4 +1	−4 +1	−4 +1	−3 +1	−3 +1
3	−9 +3	−8 +3	−7 +2	−6 +2	−5 +2	−5 +2	−4 +1	−3 +1
4	−12 +4	−10 +3	−9 +3	−8 +3	−7 +2	−6 +2	−4 +1	−3 +1
5	−14 +5	−12 +4	−10 +3	−8 +3	−7 +2	−6 +2	−4 +1	−2 +1
6	−14 +5	−12 +4	−10 +3	−9 +3	−7 +2	−6 +2	−4 +1	−2 +1
7	−13 +4	−12 +4	−10 +3	−8 +3	−7 +2	−6 +2	−4 +1	−2 +1
8	−11 +4	−10 +3	−8 +3	−7 +2	−6 +2	−5 +2	−4 +1	−2 +1
9	−9 +3	−8 +3	−7 +2	−6 +2	−5 +2	−5 +2	−4 +1	−3 +1
10	−5 +2	−5 +2	−4 +1	−4 +1	−4 +1	−3 +1	−3 +1	−2 +1
11	−2 +1	−2 +1	−2 +1	−2 +1	−2 +1	−2 +1	−2 +1	−2 +1
12	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
13	+2 −1	+2 −1	+2 −1	+2 −1	+2 −1	+2 −1	+3 −1	+3 −1
14	+3 −1	+3 −1	+4 −1	+4 −1	+4 −1	+5 −2	+5 −2	+6 −2
15	+3 −1	+4 −1	+5 −2	+5 −2	+6 −2	+7 −2	+8 −3	+9 −3
16	+3 −1	+4 −1	+5 −2	+7 −2	+8 −3	+9 −3	+10 −3	+12 −4
17	+2 −1	+4 −1	+6 −2	+7 −2	+8 −3	+10 −3	+12 −4	+14 −5
18	+2 −1	+4 −1	+6 −2	+7 −2	+9 −3	+10 −3	+12 −4	+14 −5
19	+2 −1	+4 −1	+6 −2	+7 −2	+8 −3	+10 −3	+12 −4	+13 −4
20	+2 −1	+4 −1	+5 −2	+6 −2	+7 −3	+8 −3	+10 −3	+11 −4
21	+3 −1	+4 −1	+5 −2	+5 −2	+6 −2	+7 −2	+8 −3	+9 −3
22	+2 −1	+3 −1	+3 −1	+4 −1	+4 −1	+4 −1	+5 −2	+5 −2
23	+2 −1	+2 −1	+2 −1	+2 −1	+2 −1	+2 −1	+2 −1	+2 −1
24	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0

Übertragung von Sternörtern vom mittleren

α	0^h, 12^h		1^h, 13^h		2^h, 14^h		3^h, 15^h		4^h, 16^h		5^h, 17^h		α
m	+ A −	+ D −	+ A −	+ D −	+ A −	+ D −	+ A −	+ D −	+ A −	+ D −	+ A −	+ D −	m
	s	"	s	"	s	"	s	"	s	"	s	"	
0	0.005	120.26	2.080	116.14	4.013	104.11	5.673	84.98	6.946	60.06	7.745	31.05	0
1	0.040	120.26	2.114	116.00	4.044	103.85	5.698	84.61	6.963	59.61	7.754	30.54	1
2	0.075	120.26	2.148	115.86	4.074	103.58	5.723	84.24	6.980	59.15	7.763	30.03	2
3	0.110	120.25	2.182	115.72	4.104	103.31	5.747	83.86	6.997	58.69	7.772	29.52	3
4	0.145	120.24	2.215	115.58	4.134	103.04	5.771	83.48	7.014	58.23	7.780	29.01	4
5	0.180	120.23	2.249	115.43	4.164	102.77	5.795	83.10	7.031	57.77	7.789	28.50	5
6	0.215	120.22	2.283	115.28	4.194	102.50	5.819	82.72	7.048	57.31	7.797	27.99	6
7	0.250	120.20	2.316	115.13	4.224	102.22	5.843	82.34	7.065	56.85	7.805	27.48	7
8	0.285	120.18	2.349	114.98	4.253	101.94	5.867	81.96	7.081	56.39	7.813	26.97	8
9	0.320	120.16	2.383	114.83	4.283	101.66	5.891	81.58	7.098	55.93	7.821	26.46	9
10	0.355	120.14	2.417	114.67	4.313	101.38	5.915	81.19	7.114	55.46	7.829	25.95	10
11	0.390	120.12	2.450	114.51	4.342	101.10	5.938	80.80	7.130	54.99	7.836	25.44	11
12	0.425	120.09	2.483	114.35	4.371	100.81	5.961	80.41	7.146	54.52	7.843	24.92	12
13	0.460	120.06	2.516	114.19	4.401	100.52	5.985	80.02	7.162	54.05	7.850	24.41	13
14	0.495	120.03	2.549	114.02	4.430	100.23	6.008	79.63	7.178	53.58	7.857	23.90	14
15	0.530	120.00	2.582	113.85	4.459	99.94	6.031	79.23	7.193	53.11	7.864	23.39	15
16	0.565	119.96	2.615	113.68	4.488	99.65	6.054	78.83	7.208	52.64	7.871	22.87	16
17	0.600	119.92	2.648	113.51	4.517	99.36	6.077	78.44	7.223	52.17	7.878	22.36	17
18	0.635	119.88	2.681	113.34	4.546	99.06	6.100	78.04	7.238	51.70	7.884	21.84	18
19	0.670	119.84	2.714	113.16	4.575	98.76	6.123	77.64	7.253	51.23	7.890	21.32	19
20	0.704	119.79	2.747	112.98	4.603	98.46	6.145	77.24	7.268	50.75	7.896	20.80	20
21	0.739	119.74	2.780	112.80	4.632	98.16	6.168	76.84	7.283	50.28	7.902	20.29	21
22	0.774	119.69	2.813	112.62	4.661	97.86	6.190	76.44	7.298	49.80	7.908	19.77	22
23	0.809	119.64	2.846	112.43	4.689	97.55	6.212	76.03	7.312	49.32	7.914	19.25	23
24	0.843	119.59	2.878	112.24	4.717	97.24	6.234	75.62	7.326	48.84	7.919	18.73	24
25	0.878	119.53	2.911	112.05	4.745	96.93	6.256	75.21	7.340	48.36	7.925	18.22	25
26	0.913	119.47	2.944	111.86	4.773	96.62	6.278	74.80	7.354	47.88	7.930	17.70	26
27	0.948	119.41	2.976	111.67	4.801	96.31	6.300	74.39	7.368	47.40	7.935	17.18	27
28	0.982	119.35	3.008	111.47	4.829	95.99	6.321	73.97	7.382	46.91	7.940	16.66	28
29	1.017	119.29	3.041	111.27	4.857	95.67	6.343	73.56	7.396	46.43	7.945	16.14	29
30	1.052	119.22	3.074	111.07	4.885	95.35	6.364	73.15	7.409	45.95	7.950	15.62	30
31	1.087	119.15	3.106	110.87	4.913	95.03	6.385	72.73	7.422	45.46	7.954	15.10	31
32	1.121	119.08	3.138	110.67	4.940	94.71	6.406	72.31	7.435	44.97	7.958	14.58	32
33	1.156	119.00	3.170	110.46	4.968	94.39	6.427	71.89	7.448	44.49	7.962	14.06	33
34	1.191	118.92	3.202	110.25	4.995	94.07	6.448	71.47	7.461	44.00	7.966	13.54	34
35	1.225	118.84	3.234	110.04	5.022	93.74	6.469	71.05	7.474	43.51	7.970	13.02	35
36	1.259	118.76	3.266	109.83	5.049	93.41	6.489	70.62	7.486	43.02	7.974	12.49	36
37	1.294	118.68	3.298	109.62	5.076	93.08	6.510	70.20	7.499	42.53	7.978	11.97	37
38	1.329	118.60	3.330	109.40	5.103	92.75	6.530	69.77	7.511	42.04	7.981	11.45	38
39	1.363	118.51	3.362	109.18	5.130	92.41	6.550	69.34	7.523	41.55	7.984	10.93	39
40	1.397	118.42	3.393	108.96	5.157	92.07	6.570	68.91	7.535	41.05	7.987	10.40	40
41	1.432	118.33	3.425	108.74	5.184	91.73	6.590	68.48	7.547	40.56	7.990	9.88	41
42	1.467	118.23	3.457	108.51	5.211	91.39	6.610	68.05	7.559	40.07	7.993	9.36	42
43	1.501	118.13	3.488	108.28	5.238	91.05	6.630	67.62	7.571	39.58	7.996	8.84	43
44	1.535	118.03	3.519	108.05	5.264	90.71	6.650	67.18	7.582	39.08	7.998	8.31	44
45	1.570	117.93	3.551	107.82	5.291	90.36	6.670	66.75	7.593	38.58	8.000	7.79	45
46	1.604	117.83	3.583	107.59	5.317	90.01	6.689	66.31	7.604	38.08	8.002	7.27	46
47	1.638	117.72	3.614	107.35	5.343	89.66	6.708	65.87	7.615	37.58	8.004	6.74	47
48	1.672	117.61	3.645	107.11	5.369	89.31	6.727	65.43	7.626	37.08	8.006	6.21	48
49	1.707	117.50	3.676	106.87	5.395	88.96	6.746	64.99	7.637	36.58	8.008	5.68	49
50	1.741	117.39	3.707	106.63	5.421	88.61	6.765	64.55	7.648	36.08	8.010	5.16	50
51	1.775	117.28	3.738	106.39	5.447	88.25	6.784	64.11	7.658	35.58	8.011	4.64	51
52	1.809	117.16	3.769	106.14	5.472	87.89	6.802	63.66	7.668	35.08	8.012	4.12	52
53	1.843	117.04	3.800	105.89	5.498	87.53	6.821	63.22	7.678	34.58	8.013	3.60	53
54	1.877	116.92	3.831	105.64	5.523	87.17	6.839	62.77	7.688	34.08	8.014	3.08	54
55	1.911	116.79	3.862	105.39	5.548	86.81	6.857	62.32	7.698	33.58	8.015	2.55	55
56	1.945	116.66	3.892	105.14	5.573	86.45	6.875	61.87	7.708	33.07	8.016	2.02	56
57	1.979	116.53	3.923	104.89	5.598	86.09	6.893	61.42	7.718	32.57	8.017	1.50	57
58	2.013	116.40	3.953	104.63	5.623	85.72	6.911	60.97	7.727	32.07	8.017	0.98	58
59	2.047	116.27	3.983	104.37	5.648	85.35	6.929	60.52	7.736	31.56	8.017	0.45	59
60	2.080	116.14	4.013	104.11	5.673	84.98	6.946	60.06	7.745	31.05	8.017	—	60

α	6h, 18h		7h, 19h		8h, 20h		9h, 21h		10h, 22h		11h, 23h		α
m	+ A −	− D +	+ A −	− D +	+ A −	− D +	+ A −	− D +	+ A −	− D +	+ A −	− D +	m
	s	″	s	″	s	″	s	″	s	″	s	″	
0	8.017	0.08	7.743	31.20	6.940	60.20	5.665	85.09	4.004	104.19	2.070	116.18	0
1	8.017	0.61	7.734	31.71	6.923	60.66	5.640	85.46	3.974	104.45	2.036	116.31	1
2	8.017	1.14	7.725	32.22	6.905	61.11	5.615	85.83	3.944	104.71	2.002	116.44	2
3	8.017	1.66	7.715	32.72	6.887	61.56	5.590	86.20	3.913	104.97	1.968	116.57	3
4	8.016	2.18	7.705	33.22	6.869	62.01	5.565	86.56	3.882	105.22	1.934	116.70	4
5	8.015	2.71	7.695	33.73	6.851	62.46	5.540	86.93	3.852	105.47	1.900	116.83	5
6	8.014	3.24	7.685	34.24	6.833	62.91	5.515	87.29	3.821	105.72	1.866	116.95	6
7	8.013	3.76	7.675	34.74	6.815	63.36	5.490	87.65	3.790	105.97	1.832	117.07	7
8	8.012	4.28	7.665	35.24	6.796	63.80	5.464	88.01	3.759	106.22	1.798	117.19	8
9	8.011	4.81	7.655	35.74	6.778	64.24	5.439	88.37	3.728	106.47	1.764	117.31	9
10	8.010	5.33	7.645	36.24	6.759	64.68	5.413	88.72	3.697	106.71	1.730	117.43	10
11	8.008	5.85	7.634	36.74	6.740	65.12	5.387	89.07	3.666	106.95	1.696	117.54	11
12	8.006	6.37	7.623	37.24	6.721	65.56	5.361	89.42	3.635	107.19	1.662	117.65	12
13	8.004	6.89	7.612	37.74	6.702	66.00	5.335	89.77	3.604	107.43	1.628	117.76	13
14	8.002	7.41	7.601	38.24	6.683	66.44	5.309	90.12	3.573	107.66	1.594	117.86	14
15	8.000	7.94	7.590	38.74	6.663	66.88	5.283	90.47	3.542	107.89	1.559	117.96	15
16	7.997	8.47	7.579	39.23	6.643	67.31	5.256	90.81	3.510	108.12	1.524	118.06	16
17	7.995	9.00	7.568	39.73	6.624	67.75	5.230	91.15	3.479	108.35	1.489	118.16	17
18	7.992	9.52	7.556	40.23	6.604	68.18	5.203	91.49	3.447	108.58	1.455	118.26	18
19	7.989	10.04	7.544	40.72	6.584	68.61	5.176	91.83	3.415	108.80	1.421	118.35	19
20	7.986	10.56	7.532	41.21	6.564	69.04	5.149	92.17	3.383	109.02	1.387	118.44	20
21	7.983	11.09	7.520	41.70	6.544	69.47	5.122	92.51	3.352	109.24	1.353	118.53	21
22	7.980	11.61	7.508	42.19	6.524	69.90	5.095	92.85	3.320	109.46	1.319	118.62	22
23	7.977	12.13	7.496	42.68	6.504	70.33	5.068	93.18	3.288	109.68	1.284	118.71	23
24	7.973	12.65	7.483	43.17	6.483	70.75	5.041	93.51	3.256	109.89	1.249	118.79	24
25	7.969	13.18	7.470	43.66	6.462	71.18	5.014	93.84	3.224	110.10	1.214	118.87	25
26	7.965	13.70	7.457	44.15	6.441	71.60	4.987	94.17	3.192	110.31	1.179	118.95	26
27	7.961	14.22	7.444	44.64	6.420	72.02	4.960	94.49	3.160	110.52	1.144	119.03	27
28	7.957	14.74	7.431	45.12	6.399	72.44	4.932	94.81	3.128	110.73	1.110	119.10	28
29	7.953	15.26	7.418	45.61	6.378	72.86	4.905	95.13	3.096	110.93	1.076	119.17	29
30	7.948	15.78	7.405	46.10	6.357	73.28	4.877	95.45	3.064	111.13	1.042	119.24	30
31	7.943	16.30	7.392	46.58	6.336	73.69	4.849	95.77	3.031	111.33	1.007	119.31	31
32	7.938	16.82	7.378	47.06	6.314	74.10	4.821	96.09	2.998	111.53	0.972	119.37	32
33	7.933	17.34	7.364	47.55	6.293	74.51	4.793	96.41	2.966	111.73	0.938	119.43	33
34	7.928	17.86	7.350	48.03	6.271	74.92	4.765	96.72	2.934	111.92	0.903	119.49	34
35	7.923	18.38	7.336	48.51	6.249	75.33	4.737	97.03	2.901	112.11	0.868	119.55	35
36	7.918	18.89	7.322	48.99	6.227	75.74	4.708	97.34	2.868	112.30	0.833	119.61	36
37	7.912	19.41	7.308	49.47	6.205	76.15	4.680	97.65	2.836	112.49	0.798	119.66	37
38	7.906	19.93	7.294	49.95	6.183	76.56	4.652	97.96	2.803	112.67	0.763	119.71	38
39	7.900	20.45	7.279	50.43	6.161	76.96	4.623	98.26	2.770	112.85	0.728	119.76	39
40	7.894	20.96	7.264	50.90	6.138	77.36	4.594	98.56	2.737	113.03	0.693	119.81	40
41	7.888	21.48	7.249	51.38	6.116	77.76	4.566	98.86	2.704	113.21	0.658	119.85	41
42	7.882	22.00	7.234	51.85	6.093	78.16	4.537	99.16	2.671	113.39	0.623	119.89	42
43	7.876	22.52	7.219	52.32	6.070	78.56	4.508	99.45	2.638	113.56	0.588	119.93	43
44	7.869	23.03	7.203	52.79	6.047	78.96	4.479	99.74	2.605	113.73	0.554	119.97	44
45	7.862	23.55	7.188	53.26	6.024	79.36	4.450	100.03	2.572	113.90	0.519	120.01	45
46	7.855	24.06	7.173	53.73	6.001	79.75	4.421	100.32	2.539	114.07	0.484	120.04	46
47	7.848	24.57	7.157	54.20	5.978	80.14	4.392	100.61	2.506	114.24	0.449	120.07	47
48	7.841	25.08	7.141	54.67	5.954	80.53	4.362	100.90	2.472	114.40	0.414	120.10	48
49	7.834	25.60	7.125	55.14	5.931	80.92	4.333	101.19	2.439	114.56	0.379	120.13	49
50	7.826	26.11	7.109	55.61	5.908	81.31	4.304	101.47	2.406	114.72	0.344	120.15	50
51	7.818	26.62	7.093	56.07	5.884	81.70	4.274	101.75	2.373	114.88	0.309	120.17	51
52	7.810	27.13	7.076	56.53	5.860	82.08	4.244	102.03	2.339	115.03	0.274	120.19	52
53	7.802	27.64	7.060	56.99	5.836	82.46	4.214	102.31	2.306	115.18	0.239	120.21	53
54	7.794	28.15	7.043	57.45	5.812	82.84	4.184	102.58	2.273	115.33	0.204	120.22	54
55	7.786	28.66	7.026	57.91	5.788	83.22	4.154	102.85	2.239	115.48	0.169	120.23	55
56	7.778	29.17	7.009	58.37	5.763	83.60	4.124	103.12	2.205	115.62	0.135	120.24	56
57	7.770	29.68	6.992	58.83	5.739	83.98	4.094	103.39	2.172	115.76	0.100	120.25	57
58	7.761	30.19	6.975	59.29	5.715	84.35	4.064	103.66	2.138	115.90	0.065	120.26	58
59	7.752	30.70	6.958	59.75	5.690	84.72	4.034	103.93	2.104	116.04	0.030	120.26	59
60	7.743	31.20	6.940	60.20	5.665	85.09	4.004	104.19	2.070	116.18	—	120.26	60

Reduktionsgrößen 1944

Übertragung von Sternörtern vom mittleren Äquinoktium 1944.0
auf das Normaläquinoktium 1950.0

α	B	α	α	B	α
h m	s	h m	h m	s	h m
0 0	+18.439	12 0	6 0	+18.439	18 0
10	18.439	10	10	18.439	10
20	18.439	20	20	18.440	20
30	18.439	30	30	18.440	30
40	18.439	40	40	18.440	40
50	18.439	50	50	18.440	50
1 0	+18.439	13 0	7 0	+18.440	19 0
10	18.439	10	10	18.440	10
20	18.439	20	20	18.440	20
30	18.439	30	30	18.440	30
40	18.438	40	40	18.440	40
50	18.438	50	50	18.440	50
2 0	+18.438	14 0	8 0	+18.440	20 0
10	18.438	10	10	18.440	10
20	18.438	20	20	18.440	20
30	18.438	30	30	18.440	30
40	18.438	40	40	18.441	40
50	18.438	50	50	18.441	50
3 0	+18.438	15 0	9 0	+18.441	21 0
10	18.438	10	10	18.441	10
20	18.438	20	20	18.441	20
30	18.438	30	30	18.440	30
40	18.438	40	40	18.440	40
50	18.438	50	50	18.440	50
4 0	+18.438	16 0	10 0	+18.440	22 0
10	18.438	10	10	18.440	10
20	18.438	20	20	18.440	20
30	18.439	30	30	18.440	30
40	18.439	40	40	18.440	40
50	18.439	50	50	18.440	50
5 0	+18.439	17 0	11 0	+18.440	23 0
10	18.439	10	10	18.440	10
20	18.439	20	20	18.440	20
30	18.439	30	30	18.440	30
40	18.439	40	40	18.440	40
50	18.439	50	50	18.439	50
6 0	+18.439	18 0	12 0	+18.439	24 0

C	ΔC	P	C	ΔC	P
s	s		s	s	
0	e 0.000	e 0.0000	350	e 0.076	e 0.1909
10	000	0055	360	082	1963
20	000	0109	370	089	2018
30	000	0164	380	097	2072
40	000	0218	390	104	2127
50	e 0.000	e 0.0273	400	e 0.113	e 0.2181
60	000	0327	410	121	2236
70	001	0382	420	131	2290
80	001	0436	430	140	2345
90	001	0491	440	150	2399
100	e 0.002	e 0.0545	450	e 0.161	e 0.2454
110	002	0600	460	172	2508
120	003	0654	470	183	2563
130	004	0709	480	195	2617
140	005	0764	490	207	2672
150	e 0.006	e 0.0818	500	e 0.220	e 0.2726
160	007	0873	510	234	2781
170	009	0927	520	248	2835
180	010	0982	530	262	2890
190	012	1036	540	277	2944
200	e 0.014	e 0.1091	550	e 0.293	e 0.2999
210	016	1145	560	309	3053
220	019	1200	570	326	3107
230	022	1254	580	344	3162
240	025	1309	590	362	3216
250	e 0.028	e 0.1363	600	e 0.380	e 0.3271
260	031	1418	610	400	3325
270	035	1473	620	420	3380
280	039	1527	630	440	3434
290	043	1582	640	462	3489
300	e 0.048	e 0.1636	650	e 0.484	e 0.3543
310	053	1691	660	506	3598
320	058	1745	670	529	3652
330	063	1800	680	553	3707
340	069	1854	690	578	3761
350	e 0.076	e 0.1909	700	e 0.604	e 0.3815

e bedeutet: Vorzeichen entgegengesetzt dem Vorzeichen des Arguments.

$$\alpha_{1950} = \alpha_{1944} + B + C + \Delta C, \text{ wobei } C = A.\ \mathrm{tg}\,(\delta_{1944} + D)$$
$$\delta_{1950} = \delta_{1944} + D + R, \text{ wobei } R = A.\ P$$

A und *D* sind aus der Tafel S. 288* u. 289* mit dem Argument α_{1944} zu entnehmen. Für die Werte von α zwischen 0^h und 12^h gelten die Vorzeichen zur Linken, für die Werte von α zwischen 12^h und 24^h die Vorzeichen zur Rechten. *B*, Δ*C* und *P* sind in der obenstehenden Tafel enthalten. Die Vorzeichen von Δ*C* und *P* sind dem Vorzeichen von *C* entgegengesetzt.

Finsternisse, Sternbedeckungen, Mösting A, Trabanten

Konstellationen, Hilfstafeln

1944

Im Jahre 1944 finden zwei Sonnenfinsternisse statt.

I. Totale Sonnenfinsternis 1944 Januar 25 unsichtbar in Berlin.

Konjunktion in Rektaszension . . . . . . Jan. 25, $15^h\ 29^m\ 15^s.8$ Welt-Zeit

Rektaszension des Mondes	$20^h\ 27^m\ 34^s.03$
Stündliche Änderung	2 38.44
Rektaszension der Sonne	20 27 34.03
Stündliche Änderung	10.46
Deklination des Mondes	$-18°\ 55'\ 14''.3$
Stündliche Änderung	+ 5 36.9
Deklination der Sonne	−19 7 42.5
Stündliche Änderung	+ 36.4
Äquatorialhorizontalparallaxe des Mondes .	$1°\ 1'\ 8''.5$
„ der Sonne . .	8.9
Halbmesser des Mondes	$16'\ 38''.8$
„ der Sonne	16 14.7

		Welt-Zeit $^h\ ^m$	Westl. Länge v. Greenwich $°\ '$	Geogr. Breite $°\ '$
Anfang der Finsternis	Jan. 25,	12 48.3	99 12	− 0 31
Beginn der zentralen Verfinsterung	„	13 44.9	111 59	+ 3 23
Zentrale Verfinsterung im wahren Mittag	„	15 29.3	49 15	− 7 23
Ende der zentralen Verfinsterung	„	17 7.6	350 36	+18 48
Ende der Finsternis	„	18 4.2	3 16	+14 56

Die Finsternis ist sichtbar im südlichen Teil Nordamerikas, in Mittelamerika, im östlichen Teil des Stillen Ozeans, in Südamerika mit Ausnahme der südlichsten Gebiete, im Atlantischen Ozean, im westlichen Teil Afrikas und im Westen Europas.

Totale Sonnenfinsternis 1944 Januar 25

Verlauf der Zentrallinie

Welt-Zeit	Westl. Länge von Greenwich	Geogr. Breite	Dauer der Totalität	Welt-Zeit	Westl. Länge von Greenwich	Geogr. Breite	Dauer der Totalität
h m	° ′	° ′	m s	h m	° ′	° ′	m s
13 44.9	111 59	+3 23	—	15 30	49 1.6	− 7 19.2	4 8.4
13 50	96 13.7	−2 2.3	1 56.9	15 40	46 0.1	− 6 24.5	4 5.4
14 0	85 56.8	−5 13.6	2 26.9	15 50	42 56.7	− 5 18.7	3 59.7
14 10	79 13.5	−6 58.2	2 49.9	16 0	39 47.7	− 4 1.2	3 51.3
14 20	73 55.5	−8 3.0	3 9.4	16 10	36 28.8	− 2 30.8	3 40.5
14 30	69 25.1	−8 42.3	3 26.1	16 20	32 54.1	− 0 45.6	3 27.4
14 40	65 25.6	−9 2.2	3 40.1	16 30	28 54.7	+ 1 17.4	3 12.0
14 50	61 47.1	−9 6.5	3 51.5	16 40	24 15.0	+ 3 44.0	2 54.1
15 0	58 23.5	−8 57.3	4 0.0	16 50	18 24.0	+ 6 45.9	2 33.1
15 10	55 10.3	−8 35.8	4 5.8	17 0	9 50.1	+10 57.3	2 6.7
15 20	52 4.0	−8 3.0	4 8.5	17 5	2 21.3	+14 16.4	1 47.9
15 30	49 1.6	−7 19.2	4 8.4	17 7.6	350 36	+18 48	—

Anfang der Finsternis

Geographische Breite	Östliche Länge von Greenwich									Geographische Breite
	20^m	30^m	40^m	20^m	30^m	40^m	20^m	30^m	40^m	
	Welt-Zeit			Winkel P			Winkel Q			
	16^h	16^h	16^h							
	m	m	m	°	°	°	°	°	°	
44°	13.5	13.0	12.4	205.5	207.5	209.4	164.4	165.5	166.6	44°
45	14.3	13.7	13.0	203.4	205.4	207.4	163.1	164.3	165.5	45
46	15.2	14.4	13.7	201.2	203.3	205.3	161.7	163.0	164.3	46
47	16.2	15.3	.	198.9	201.1	.	160.2	161.7	.	47
48	17.4	16.3	.	196.6	198.8	.	158.6	160.2	.	48
49	18.7	.	.	194.1	.	.	156.9	.	.	49
50	20.1	.	.	191.4	.	.	154.9	.	.	50

Elemente der totalen Sonnenfinsternis 1944 Januar 25

Welt-Zeit	x	y	log sin d	log cos d	μ	$l^{(a)}$	$l^{(i)}$
h m					° ′ ″		
12 40	−1.618715	−0.026003	9.516081n	9.975259	6 56 9.3	+0.539336	−0.006547
50	1.523101	−0.012447	9.516045n	9.975263	9 26 8.7	0.539340	0.006544
13 0	−1.427483	+0.001116	9.516009n	9.975268	11 56 8.1	+0.539343	−0.006541
10	1.331862	0.014687	9.515973n	9.975272	14 26 7.5	0.539345	0.006539
20	1.236237	0.028265	9.515937n	9.975276	16 56 6.9	0.539346	0.006538
30	1.140610	0.041851	9.515901n	9.975281	19 26 6.3	0.539347	0.006537
40	1.044980	0.055444	9.515865n	9.975285	21 56 5.7	0.539347	0.006537
50	0.949348	0.069045	9.515829n	9.975289	24 26 5.1	0.539346	0.006538
14 0	−0.853714	+0.082653	9.515793n	9.975294	26 56 4.6	+0.539345	−0.006540
10	0.758078	0.096269	9.515757n	9.975298	29 26 4.0	0.539343	0.006542
20	0.662441	0.109892	9.515721n	9.975302	31 56 3.4	0.539340	0.006545
30	0.566802	0.123522	9.515685n	9.975307	34 26 2.8	0.539336	0.006549
40	0.471162	0.137160	9.515649n	9.975311	36 56 2.2	0.539331	0.006553
50	0.375522	0.150805	9.515613n	9.975315	39 26 1.6	0.539326	0.006558
15 0	−0.279882	+0.164457	9.515577n	9.975320	41 56 1.0	+0.539320	−0.006564
10	0.184241	0.178116	9.515540n	9.975324	44 26 0.4	0.539313	0.006571
20	−0.088601	0.191783	9.515504n	9.975328	46 55 59.8	0.539306	0.006578
30	+0.007039	0.205457	9.515468n	9.975333	49 25 59.2	0.539298	0.006586
40	0.102678	0.219138	9.515432n	9.975337	51 55 58.6	0.539289	0.006595
50	0.198317	0.232826	9.515396n	9.975341	54 25 58.0	0.539279	0.006604
16 0	+0.293954	+0.246521	9.515360n	9.975346	56 55 57.4	+0.539269	−0.006614
10	0.389590	0.260223	9.515324n	9.975350	59 25 56.8	0.539258	0.006625
20	0.485224	0.273932	9.515287n	9.975354	61 55 56.3	0.539246	0.006637
30	0.580855	0.287648	9.515251n	9.975359	64 25 55.7	0.539234	0.006649
40	0.676484	0.301371	9.515215n	9.975363	66 55 55.1	0.539221	0.006662
50	0.772111	0.315101	9.515179n	9.975367	69 25 54.5	0.539207	0.006676
17 0	+0.867735	+0.328837	9.515143n	9.975372	71 55 53.9	+0.539192	−0.006690
10	0.963356	0.342580	9.515106n	9.975376	74 25 53.3	0.539177	0.006705
20	1.058973	0.356330	9.515070n	9.975380	76 55 52.8	0.539161	0.006721
30	1.154587	0.370087	9.515034n	9.975385	79 25 52.2	0.539144	0.006738
40	1.250197	0.383850	9.514998n	9.975389	81 55 51.6	0.539127	0.006755
50	1.345803	0.397620	9.514962n	9.975393	84 25 51.0	0.539109	0.006773
18 0	+1.441404	+0.411397	9.514926n	9.975398	86 55 50.4	+0.539090	−0.006792
10	+1.537000	+0.425180	9.514889n	9.975402	89 25 49.8	+0.539070	−0.006812

Welt-Zeit	x'	y'	log tang $f^{(a)}$	log tang $f^{(i)}$
h m				
12 0	+0.0095595	+0.0013521	7.67660	7.67443
13 0	0.0095620	0.0013567	7.67660	7.67443
14 0	0.0095635	0.0013612	7.67660	7.67443
15 0	0.0095640	0.0013656	7.67659	7.67442
16 0	0.0095636	0.0013698	7.67659	7.67442
17 0	0.0095622	0.0013739	7.67659	7.67442
18 0	0.0095599	0.0013780	7.67659	7.67442
19 0	+0.0095567	+0.0013819	7.67658	7.67442

II. Ringförmige Sonnenfinsternis 1944 Juli 20 unsichtbar in Berlin

Konjunktion in Rektaszension	Juli 20,	5h 43m 7.8s Welt-Zeit

Rektaszension des Mondes	7h 57m 43.12s
Stündliche Änderung	2 11.56
Rektaszension der Sonne	7 57 43.12
Stündliche Änderung	10.01
Deklination des Mondes	+20° 39′ 47.8″
Stündliche Änderung	— 3 13.7
Deklination der Sonne	+20 41 32.4
Stündliche Änderung	— 28.0
Äquatorialhorizontalparallaxe des Mondes	55′ 10.9″
„ der Sonne	8.7
Halbmesser des Mondes	15′ 1.4″
„ der Sonne.	15 44.4

	Welt-Zeit		Westl. Länge v. Greenwich	Geogr. Breite
		h m	° ′	° ′
Anfang der Finsternis	Juli 20,	2 42.7	310 40	+ 4 5
Beginn der zentralen Verfinsterung	„	3 47.2	326 35	+ 3 30
Zentrale Verfinsterung im wahren Mittag	„	5 43.1	264 14	+19 0
Ende der zentralen Verfinsterung .	„	7 38.3	205 40	— 6 57
Ende der Finsternis	„	8 43.0	221 36	— 6 21

Verlauf der Zentrallinie

Welt-Zeit	Westl. Länge von Greenwich	Geogr. Breite	Dauer der ringförm. Verfinsterung	Welt-Zeit	Westl. Länge von Greenwich	Geogr. Breite	Dauer der ringförm. Verfinsterung
h m	° ′	° ′	m s	h m	° ′	° ′	m s
3 47.2	326 35	+ 3 30	—	5 40	265 5.2	+19 8.3	3 41.9
3 50	315 27.4	+ 7 48.7	3 0.5	5 50	262 22.5	+18 37.5	3 41.6
4 0	303 48.1	+12 19.3	3 7.9	6 0	259 40.4	+17 57.1	3 40.6
4 10	296 58.3	+14 46.5	3 13.8	6 10	256 56.8	+17 6.8	3 38.8
4 20	291 43.2	+16 27.7	3 19.1	6 20	254 9.8	+16 6.4	3 36.5
4 30	287 18.5	+17 40.5	3 23.9	6 30	251 16.4	+14 55.1	3 33.8
4 40	283 25.7	+18 32.9	3 28.3	6 40	248 13.1	+13 31.7	3 30.5
4 50	279 54.5	+19 9.0	3 32.2	6 50	244 54.9	+11 54.4	3 26.9
5 0	276 39.1	+19 31.4	3 35.6	7 0	241 13.9	+10 0.2	3 23.0
5 10	273 35.1	+19 41.6	3 38.3	7 10	236 57.0	+ 7 43.8	3 18.8
5 20	270 39.6	+19 40.7	3 40.3	7 20	231 37.3	+ 4 54.4	3 14.3
5 30	267 50.3	+19 29.4	3 41.5	7 30	223 59.2	+ 1 1.8	3 8.9
5 40	265 5.2	+19 8.3	3 41.9	7 38.3	205 40	— 6 57	—

Die Finsternis ist sichtbar im Osten Afrikas, auf Madagaskar, im östlichen Teil des Mittelmeeres, in Asien mit Ausnahme von Sibirien, im Indischen Ozean, auf den Sunda-Inseln und den Philippinen, in Australien, auf Neuguinea und im westlichen Teil des Stillen Ozeans.

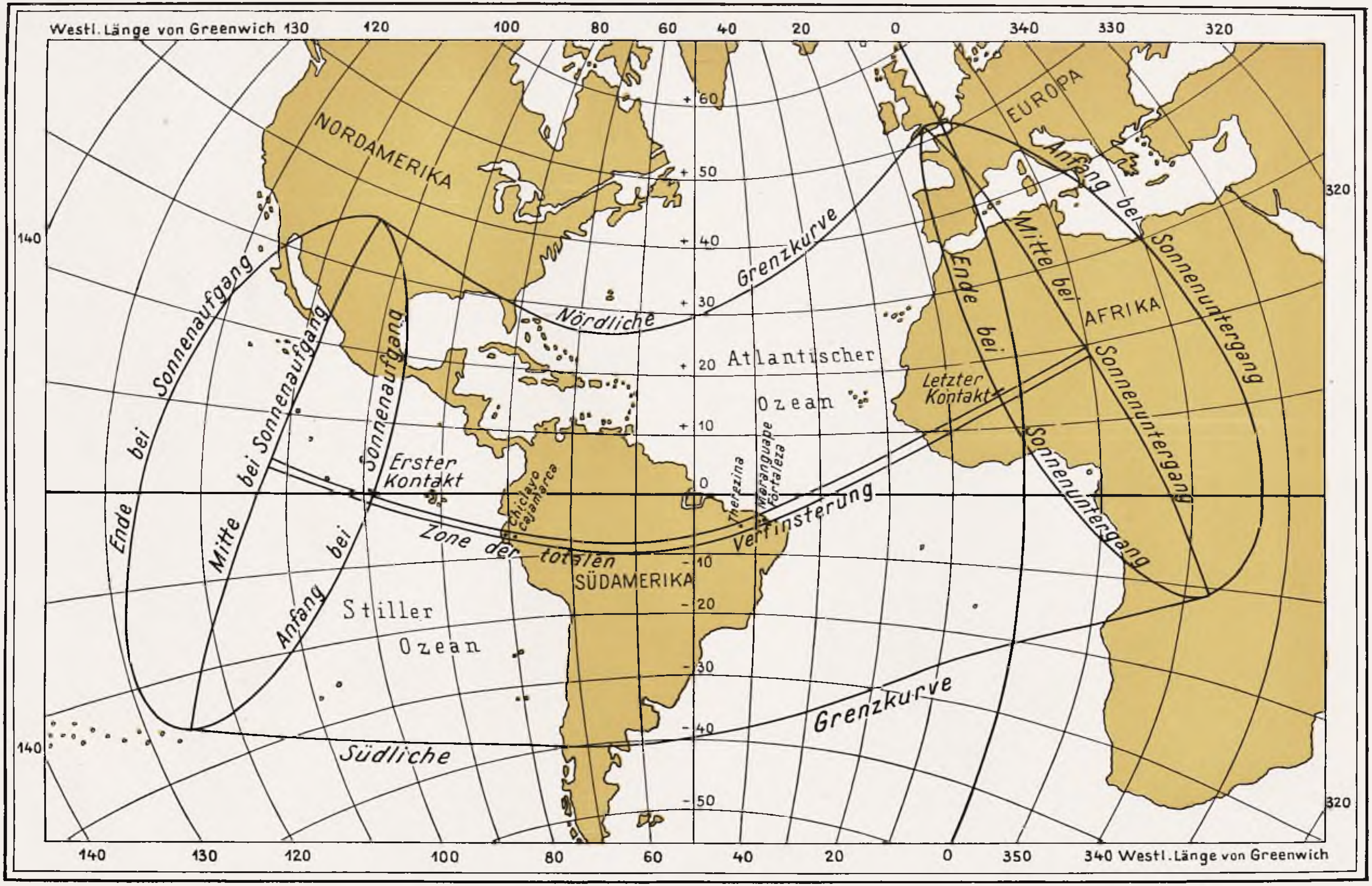
Elemente der ringförmigen Sonnenfinsternis 1944 Juli 20

Welt-Zeit	x	y	log sin d	log cos d	μ	$l^{(a)}$	$l^{(i)}$
h m					° ′ ″		
2 40	−1.576971	+0.120314	9.548674	9.970973	218 27 4.0	+0.558616	+0.012637
50	1.490865	0.112076	9.548648	9.970976	220 57 4.4	0.558641	0.012662
3 0	−1.404757	+0.103831	9.548623	9.970980	223 27 4.8	+0.558666	+0.012686
10	1.318648	0.095579	9.548597	9.970984	225 57 5.2	0.558690	0.012710
20	1.232537	0.087320	9.548572	9.970987	228 27 5.6	0.558714	0.012734
30	1.146425	0.079053	9.548546	9.970991	230 57 6.0	0.558737	0.012757
40	1.060312	0.070779	9.548521	9.970995	233 27 6.4	0.558760	0.012780
50	0.974199	0.062498	9.548495	9.970998	235 57 6.8	0.558782	0.012802
4 0	−0.888085	+0.054210	9.548470	9.971002	238 27 7.2	+0.558803	+0.012823
10	0.801971	0.045915	9.548444	9.971006	240 57 7.6	0.558824	0.012844
20	0.715856	0.037613	9.548419	9.971009	243 27 8.0	0.558844	0.012864
30	0.629741	0.029304	9.548393	9.971013	245 57 8.5	0.558864	0.012884
40	0.543627	0.020988	9.548368	9.971017	248 27 8.9	0.558883	0.012903
50	0.457513	0.012665	9.548342	9.971020	250 57 9.3	0.558902	0.012921
5 0	−0.371399	+0.004334	9.548317	9.971024	253 27 9.7	+0.558920	+0.012939
10	0.285286	−0.004003	9.548291	9.971028	255 57 10.1	0.558938	0.012956
20	0.199174	0.012347	9.548265	9.971031	258 27 10.5	0.558955	0.012973
30	0.113063	0.020699	9.548240	9.971035	260 57 10.9	0.558971	0.012989
40	−0.026953	0.029057	9.548214	9.971039	263 27 11.3	0.558987	0.013005
50	+0.059155	0.037422	9.548188	9.971042	265 57 11.8	0.559002	0.013020
6 0	+0.145262	−0.045794	9.548163	9.971046	268 27 12.2	+0.559016	+0.013034
10	0.231367	0.054173	9.548137	9.971050	270 57 12.6	0.559030	0.013048
20	0.317471	0.062559	9.548112	9.971053	273 27 13.0	0.559044	0.013062
30	0.403572	0.070951	9.548086	9.971057	275 57 13.4	0.559057	0.013075
40	0.489671	0.079350	9.548060	9.971061	278 27 13.8	0.559069	0.013087
50	0.575767	0.087756	9.548035	9.971064	280 57 14.2	0.559081	0.013099
7 0	+0.661861	−0.096169	9.548009	9.971068	283 27 14.7	+0.559092	+0.013110
10	0.747952	0.104589	9.547983	9.971071	285 57 15.1	0.559103	0.013121
20	0.834040	0.113016	9.547958	9.971075	288 27 15.5	0.559113	0.013131
30	0.920125	0.121449	9.547932	9.971078	290 57 15.9	0.559122	0.013140
40	1.006207	0.129889	9.547906	9.971082	293 27 16.3	0.559131	0.013149
50	1.092285	0.138336	9.547881	9.971086	295 57 16.7	0.559139	0.013157
8 0	+1.178359	−0.146789	9.547855	9.971089	298 27 17.2	+0.559147	+0.013165
10	1.264430	0.155249	9.547829	9.971093	300 57 17.6	0.559155	0.013172
20	1.350496	0.163716	9.547803	9.971097	303 27 18.0	0.559162	0.013179
30	1.436558	0.172190	9.547778	9.971100	305 57 18.4	0.559168	0.013185
40	1.522616	0.180670	9.547752	9.971104	308 27 18.8	0.559174	0.013191
50	+1.608669	−0.189157	9.547726	9.971108	310 57 19.2	+0.559179	+0.013196

Welt-Zeit	x'	y'	log tang $f^{(a)}$	log tang $f^{(i)}$
h m				
2 0	+0.0086098	−0.0008205	7.66294	7.66077
3 0	0.0086109	0.0008248	7.66294	7.66077
4 0	0.0086114	0.0008291	7.66294	7.66078
5 0	0.0086113	0.0008334	7.66295	7.66078
6 0	0.0086106	0.0008376	7.66295	7.66078
7 0	0.0086093	0.0008417	7.66295	7.66078
8 0	0.0086073	0.0008457	7.66295	7.66078
9 0	+0.0086047	−0.0008496	7.66295	7.66078

Totale Sonnenfinsternis

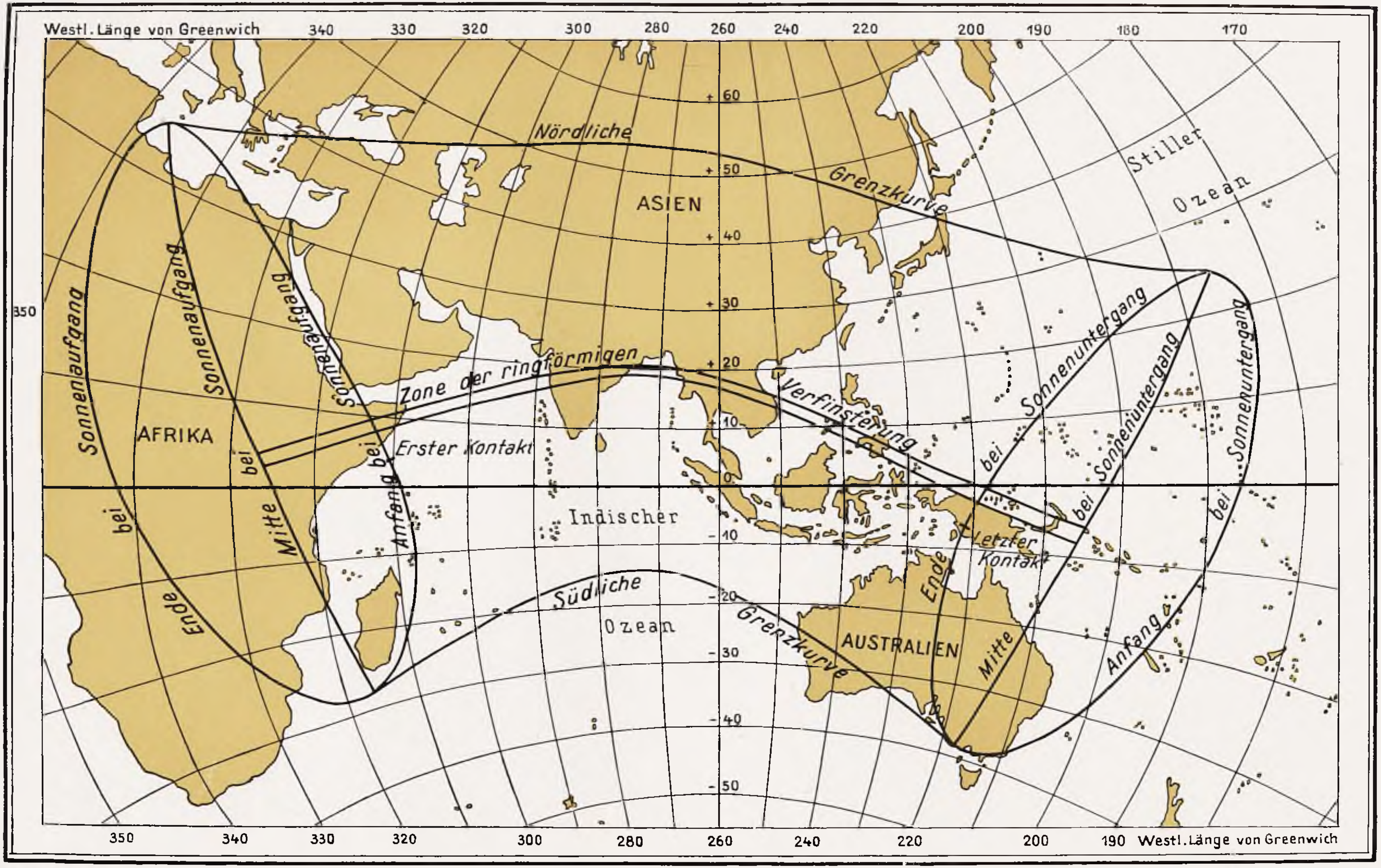
1944 Januar 25



Zu Seite 292*

Ringförmige Sonnenfinsternis

1944 Juli 20



Zu Seite 295*

Mittlere Örter der Sterne, die im Jahre 1944 in Mitteleuropa vom Monde bedeckt werden

Name	Gr.	AR. 1944.0	Jährliche Eigenbew.	Dekl. 1944.0	Jährliche Eigenbew.
	m	h m s	s	° ′ ″	″
33 Piscium	4.7	0 2 28.101	−0.0009	− 6 1 14.47	+0.100
24 B. Ceti	6.0	0 7 26.803	+0.0026	− 5 33 34.99	−0.026
ξ² Ceti	4.3	2 25 10.651	+0.0025	+ 8 12 36.28	−0.005
μ Ceti	4.4	2 41 54.657	+0.0193	+ 9 52 43.88	−0.028
BD + 11° 445	5.9	3 7 35.044	+0.0029	+11 39 41.39	−0.018
f Tauri	4.3	3 27 46.631	+0.0013	+12 44 46.27	+0.004
γ Tauri	3.9	4 16 36.169	+0.0082	+15 29 38.45	−0.023
δ Tauri	3.9	4 19 42.082	+0.0074	+17 24 46.10	−0.028
63 Tauri	5.7	4 20 12.020	+0.0073	+16 38 53.23	−0.028
64 Tauri	4.8	4 20 51.843	+0.0080	+17 18 56.94	−0.041
75 Tauri	5.3	4 25 14.095	+0.0007	+16 14 10.07	+0.027
264 B. Tauri	4.8	4 27 21.102	+0.0076	+16 4 25.50	−0.027
α Tauri	1.1	4 32 42.236	+0.0045	+16 23 53.90	−0.191
i Tauri	5.1	4 48 5.700	+0.0060	+18 44 46.41	−0.037
119 Tauri	4.7	5 28 55.634	−0.0001	+18 33 16.12	+0.002
BD + 19° 1110	6.0	5 49 4.268	−0.0001	+19 51 18.94	−0.006
χ¹ Orionis	4.6	5 51 3.878	−0.0134	+20 16 3.75	−0.081
57 Orionis	5.9	5 51 37.676	0.0000	+19 44 25.98	−0.006
64 Orionis	5.2	6 0 8.384	+0.0004	+19 41 35.95	−0.018
68 Orionis	5.7	6 8 42.245	−0.0001	+19 48 17.44	−0.010
ν Geminorum	4.1	6 25 38.252	−0.0005	+20 14 57.61	−0.019
d Geminorum	5.2	6 48 11.660	−0.0011	+21 49 44.51	−0.037
ζ Geminorum	3.7—4.1	7 0 47.273	−0.0008	+20 39 15.18	−0.002
56 Geminorum	5.2	7 18 38.676	−0.0041	+20 33 3.75	−0.025
61 Geminorum	5.9	7 23 38.339	0.0000	+20 22 15.67	−0.019
63 Geminorum	5.3	7 24 24.973	−0.0044	+21 33 41.08	−0.122
85 Geminorum	5.4	7 52 23.892	−0.0016	+20 2 0.45	−0.039
d¹ Cancri	5.9	8 20 9.547	−0.0041	+18 30 48.58	−0.027
ϑ Cancri	5.6	8 28 24.287	−0.0041	+18 17 6.31	−0.060
δ Cancri	4.2	8 41 30.291	−0.0014	+18 21 41.05	−0.236
8 Leonis	5.9	9 33 57.343	−0.0010	+16 41 23.71	−0.003
37 Leonis	5.7	10 13 40.495	−0.0014	+14 0 29.92	−0.019
308 B. Leonis	5.9	11 11 7.241	+0.0028	+ 8 22 2.65	−0.115
b Virginis	5.2	11 57 4.752	−0.0015	+ 3 58 1.15	−0.017
γ Librae	4.0	15 32 23.331	+0.0044	−14 36 14.88	+0.003
ϑ Librae	4.3	15 50 37.925	+0.0067	−16 33 59.29	+0.127
49 Librae	5.5	15 57 10.739	−0.0442	−16 22 11.81	−0.401
χ Ophiuchi	4.8	16 23 46.416	−0.0008	−18 19 51.14	−0.027
ξ Ophiuchi	4.5	17 17 38.664	+0.0166	−21 3 16.83	−0.217
58 Ophiuchi	4.9	17 40 4.306	−0.0071	−21 39 28.14	−0.049
14 Sagittarii	5.7	18 10 53.973	−0.0008	−21 43 47.94	−0.028
ν¹ Sagittarii	5.0	18 50 47.315	+0.0001	−22 48 55.98	−0.011
ν² Sagittarii	5.0	18 51 44.010	+0.0075	−22 44 34.69	−0.019
BD − 22° 4928	6.0	18 55 2.407	−0.0002	−22 36 21.98	+0.021
o Sagittarii	3.9	19 1 19.660	+0.0057	−21 49 30.95	−0.058
222 B. Sagittarii	5.6	19 17 16.813	−0.0011	−22 30 30.11	+0.035
50 Sagittarii	5.6	19 22 58.808	+0.0026	−21 53 21.20	−0.002
30 Capricorni	5.4	21 14 48.968	+0.0008	−18 13 14.86	+0.006
δ Capricorni	3.0	21 43 57.120	+0.0180	−16 22 56.38	−0.292
50 Aquarii	5.9	22 21 27.152	+0.0031	−13 48 50.12	+0.015
74 Aquarii	5.9	22 50 31.840	+0.0012	−11 54 53.15	+0.005
ψ² Aquarii	4.6	23 14 59.608	+0.0011	− 9 29 18.65	−0.009
ψ³ Aquarii	5.2	23 16 2.911	+0.0027	− 9 55 1.47	+0.007
30 Piscium	4.7	23 59 5.246	+0.0030	− 6 19 30.93	−0.035

Sternbedeckungen 1944

Elemente der in Mitteleuropa sichtbaren Sternbedeckungen

Stern					Konjunktion in Rektaszension					Alter d. Mondes
Name	Gr.	Δα	Δδ	δ app.	Welt-Zeit	Stundenw. H	Y	x′	y′	
Januar										
	m	s	"	° ′	d h m	h m				d
ξ² Ceti	4.3	−0.20	−6.9	+ 8 12.5	4 17 20.9	−2 11.5	+0.6786	0.5471	+0.1859	8.5
μ Ceti	4.4	−0.11	−6.7	+ 9 52.6	5 1 15.2	+5 27.4	+0.3726	0.5476	+0.1788	8.9
f Tauri	4.3	+0.10	−6.4	+12 44.7	5 22 48.6	+2 18.5	+0.9605	0.5506	+0.1548	9.8
γ Tauri	3.9	+0.29	−6.3	+15 29.5	6 21 30.3	+0 15.1	+1.2095	0.5546	+0.1230	10.7
75 Tauri	5.3	+0.32	−6.2	+16 14.1	7 1 29.3	+4 6.1	+0.8946	0.5552	+0.1169	10.9
264 B. Tauri	4.8	+0.33	−6.3	+16 4.3	7 2 27.8	+5 2.6	+1.1822	0.5555	+0.1153	10.9
64 Orionis	5.2	+0.53	−6.5	+19 41.5	8 20 52.1	−1 58.8	+0.6516	0.5595	+0.0410	12.7
68 Orionis	5.7	+0.54	−6.6	+19 48.2	9 0 46.1	+1 47.2	+0.6771	0.5594	+0.0337	12.8
ξ² Ceti	4.3	−0.55	−8.5	+ 8 12.5	31 23 13.3	+5 28.4	+0.6133	0.5508	+0.1875	6.4
Februar										
	m	s	"	° ′	d h m	h m				d
BD + 11° 445	5.9	−0.32	−7.7	+11 39.6	1 18 58.5	+0 34.4	+0.5281	0.5504	+0.1668	7.2
57 Orionis	5.9	+0.43	−6.3	+19 44.3	4 22 49.1	+1 53.4	+0.4005	0.5555	+0.0482	10.4
64 Orionis	5.2	+0.46	−6.4	+19 41.5	5 2 43.9	+5 40.3	+0.6274	0.5555	+0.0410	10.5
ϑ Cancri	5.6	+0.77	−7.4	+18 17.0	8 0 1.5	+0 41.1	+0.6671	0.5444	−0.0824	13.4
γ Librae	4.0	−0.33	+3.9	−14 36.2	17 1 30.8	−4 17.9	+0.6858	0.5477	−0.1516	22.5
März										
	m	s	"	° ′	d h m	h m				d
α Tauri	1.1	−0.34	−7.3	+16 23.8	1 16 57.4	−0 57.8	+1.1650	0.5578	+0.1121	6.6
119 Tauri	4.7	−0.07	−6.5	+18 33.2	2 18 28.4	−0 18.8	+1.1740	0.5569	+0.0671	7.7
ν Geminorum	4.1	+0.20	−5.9	+20 14.9	3 20 22.7	+0 42.9	+0.4660	0.5545	+0.0189	8.7
d¹ Cancri	5.9	+0.65	−6.5	+18 30.7	6 2 3.5	+4 38.1	+0.7834	0.5431	−0.0765	11.0
o Sagittarii	3.9	−0.68	+3.1	−21 49.5	19 2 15.4	−4 59.9	+1.0044	0.5925	+0.0130	24.0
f Tauri	4.3	−1.07	−9.2	+12 44.6	27 20 54.0	+5 46.9	+1.1692	0.5682	+0.1614	3.4
63 Tauri	5.7	−0.87	−7.8	+16 38.8	28 19 52.9	+3 57.1	+0.4445	0.5671	+0.1242	4.3
75 Tauri	5.3	−0.86	−7.9	+16 14.0	28 22 5.5	+6 5.1	+1.1455	0.5670	+0.1204	4.4
68 Orionis	5.7	−0.39	−5.7	+19 48.2	30 19 52.4	+2 16.0	+0.9638	0.5608	+0.0337	6.3
ζ Geminorum	3.7-4.1	−0.13	−4.9	+20 39.2	31 19 25.6	+1 1.0	+0.3096	0.5549	−0.0118	7.3
April										
	m	s	"	° ′	d h m	h m				d
δ Cancri	4.2	+0.37	−5.1	+18 21.6	2 18 48.5	−1 9.1	+0.2678	0.5392	−0.0937	9.3
308 B. Leonis	5.9	+0.94	−6.6	+ 8 21.9	5 22 53.7	+0 39.0	+0.5354	0.5185	−0.1798	12.5
b Virginis	5.2	+1.05	−6.7	+ 3 57.9	6 23 16.8	+0 20.2	+0.8359	0.5168	−0.1933	13.5
ϑ Librae	4.3	+1.05	−0.1	−16 34.0	11 21 55.2	−4 35.5	+1.1407	0.5520	−0.1429	18.4
49 Librae	5.5	+1.01	−0.1	−16 22.2	12 0 57.3	−1 39.4	+0.5029	0.5536	−0.1387	18.5
δ Capricorni	3.0	−0.71	+0.2	−16 22.9	18 2 53.6	−5 5.9	+0.8939	0.5832	+0.1513	24.6
BD + 19° 1110	6.0	−0.90	−5.9	+19 51.2	26 20 3.1	+4 32.8	+0.7829	0.5701	+0.0524	3.9
χ¹ Orionis	4.6	−0.90	−5.8	+20 16.0	26 20 55.0	+5 22.9	+0.3914	0.5700	+0.0507	4.0
57 Orionis	5.9	−0.89	−5.9	+19 44.3	26 21 9.7	+5 37.1	+0.9618	0.5699	+0.0502	4.0
ϑ Cancri	5.6	−0.14	−3.8	+18 17.0	29 19 55.4	+1 57.6	+1.1946	0.5441	−0.0846	6.9
Jupiter	−1.7	—	—	+16 33.4	30 21 30.1	+2 43.7	+0.4336	0.5310	−0.1220	8.0
Mai										
	m	s	"	° ′	d h m	h m				d
56 Geminorum	5.2	−0.80	−3.7	+20 33.0	25 20 22.6	+5 17.2	+0.7604	0.5634	−0.0262	3.5
Juni										
	m	s	"	° ′	d h m	h m				d
14 Sagittarii	5.7	+1.86	+5.3	−21 43.7	8 0 6.9	−0 59.0	+0.5626	0.5920	−0.0369	16.7
30 Capricorni	5.4	+1.13	+9.4	−18 13.1	11 1 54.7	−2 3.0	+0.6066	0.5856	+0.1294	19.8
85 Geminorum	5.4	−0.74	−2.7	+20 2.0	22 19 54.4	+6 5.5	+0.8119	0.5595	−0.0545	2.1
308 B. Leonis	5.9	+0.13	−1.2	+ 8 22.0	26 21 28.7	+4 37.1	+1.1865	0.5149	−0.1811	6.2
Juli										
	m	s	"	° ′	d h m	h m				d
49 Librae	5.5	+1.81	−0.5	−16 22.2	3 0 33.1	+3 19.6	+0.4639	0.5581	−0.1453	12.3
58 Ophiuchi	4.9	+2.18	+3.9	−21 39.4	4 20 38.8	−2 10.4	+1.1442	0.5892	−0.0663	14.2

Sternbedeckungen 1944

Elemente der in Mitteleuropa sichtbaren Sternbedeckungen

Stern					Konjunktion in Rektaszension					Alter d. Mondes
Name	Gr.	Δα	Δδ	δ app.	Welt-Zeit	Stundenw. H	Y	x′	y′	
Juli										
	m	s	"	° ′	d h m	h m				d
δ Capricorni	3.0	+1.75	+12.2	−16 22.7	8 20 56.8	−5 40.4	+0.3571	0.5894	+0.1524	18.2
74 Aquarii	5.9	+1.43	+11.7	−11 54.7	10 0 39.5	−2 59.8	+0.7079	0.5752	+0.1918	19.3
ξ^2 Ceti	4.3	+0.43	+ 1.4	+ 8 12.6	14 1 16.1	−5 42.0	+0.6997	0.5535	+0.1974	23.4
χ Ophiuchi	4.8	+1.77	+ 0.8	−18 19.8	30 21 51.6	+2 1.4	+0.9120	0.5606	−0.1264	10.7
ξ Ophiuchi	4.5	+2.06	+ 2.5	−21 3.2	31 21 14.2	+0 33.9	+1.2476	0.5784	−0.0851	11.7
August										
	m	s	"	° ′	d h m	h m				d
14 Sagittarii	5.7	+2.25	+ 5.1	−21 43.7	1 19 6.9	−2 23.0	+0.5667	0.5927	−0.0382	12.6
222 B. Sagittarii	5.6	+2.40	+ 8.4	−22 30.4	2 21 15.1	−1 16.8	+1.1592	0.6036	+0.0250	13.7
50 Sagittarii	5.6	+2.40	+ 8.7	−21 53.2	2 23 27.7	+0 50.4	+0.5971	0.6042	+0.0305	13.8
50 Aquarii	5.9	+2.16	+14.7	−13 48.6	5 21 14.1	−4 10.2	+0.3462	0.5904	+0.1794	16.7
ψ^2 Aquarii	4.6	+1.99	+14.5	− 9 29.1	6 19 19.9	−6 54.3	+0.3633	0.5798	+0.2058	17.6
ψ^3 Aquarii	5.2	+1.99	+14.6	− 9 54.8	6 19 46.5	−6 28.7	+0.8775	0.5796	+0.2062	17.6
BD + 11° 445	5.9	+1.07	+ 3.5	+11 39.7	11 2 15.9	−3 33.9	+0.8101	0.5583	+0.1778	21.9
BD + 19° 1110	6.0	+0.32	− 2.8	+19 51.3	14 2 13.3	−6 6.3	+0.9868	0.5643	+0.0556	24.9
χ^1 Orionis	4.6	+0.30	− 3.0	+20 16.0	14 3 6.2	−5 15.2	+0.5947	0.5643	+0.0539	24.9
57 Orionis	5.9	+0.31	− 2.8	+19 44.4	14 3 21.2	−5 0.7	+1.1717	0.5643	+0.0533	24.9
BD − 22° 4928	6.0	+2.16	+ 6.3	−22 36.3	29 22 37.7	+2 14.7	+1.0727	0.5932	+0.0043	11.0
September										
	m	s	"	° ′	d h m	h m				d
30 Piscium	4.7	+2.32	+15.9	− 6 19.3	3 23 59.9	−1 7.3	+1.2948	0.5793	+0.2227	16.1
33 Piscium	4.7	+2.32	+15.9	− 6 1.0	4 1 25.3	+0 15.0	+1.3145	0.5789	+0.2234	16.2
24 B. Ceti	6.0	+2.31	+15.8	− 5 33.3	4 3 31.3	+2 16.3	+1.3336	0.5782	+0.2243	16.2
μ Ceti	4.4	+1.95	+ 8.6	+ 9 52.9	6 22 16.7	−5 21.7	+0.6370	0.5670	+0.1952	19.0
61 Geminorum	5.9	+0.62	− 3.9	+20 22.2	12 2 1.0	−5 58.8	+1.1303	0.5571	−0.0299	24.2
Oktober										
	m	s	"	° ′	d h m	h m				d
ξ^2 Ceti	4.3	+2.54	+11.9	+ 8 12.8	4 1 2.1	−0 32.7	+1.0058	0.5758	+0.2082	16.5
BD + 11° 445	5.9	+2.50	+ 9.3	+11 39.8	4 19 1.4	−7 12.8	+1.1318	0.5765	+0.1857	17.3
δ Tauri	3.9	+2.35	+ 4.1	+17 24.8	6 1 28.6	−1 52.8	+0.2437	0.5770	+0.1342	18.6
63 Tauri	5.7	+2.34	+ 4.2	+16 39.0	6 1 41.2	−1 40.6	+1.0529	0.5770	+0.1338	18.6
64 Tauri	4.8	+2.35	+ 4.0	+17 19.0	6 1 58.0	−1 24.5	+0.4085	0.5770	+0.1333	18.6
30 Piscium	4.7	+2.48	+14.8	− 6 19.3	28 21 18.7	−0 12.0	+1.2109	0.5710	+0.2247	11.7
33 Piscium	4.7	+2.48	+15.0	− 6 1.0	28 22 46.2	+1 12.3	+1.2375	0.5709	+0.2255	11.7
24 B. Ceti	6.0	+2.50	+15.0	− 5 33.3	29 0 55.1	+3 16.5	+1.2670	0.5708	+0.2266	12.8
November										
	m	s	"	° ′	d h m	h m				d
i Tauri	5.1	+2.95	+ 2.7	+18 44.8	2 23 27.7	−2 32.0	+0.5498	0.5850	+0.1141	16.8
χ^1 Orionis	4.6	+2.76	− 2.0	+20 16.0	4 1 23.1	−1 35.3	+1.2244	0.5822	+0.0564	17.9
d Geminorum	5.2	+2.53	− 5.9	+21 49.6	5 1 17.2	−2 34.4	+0.3081	0.5746	+0.0023	18.9
8 Leonis	5.9	+1.49	−10.3	+16 41.2	8 4 28.2	−1 56.8	+0.4526	0.5337	−0.1355	22.0
37 Leonis	5.7	+1.24	− 9.8	+14 0.3	9 0 19.6	−6 41.8	+0.4631	0.5237	−0.1596	22.8
ν^1 Sagittarii	5.0	+0.87	+ 4.5	−22 48.9	19 16 52.1	+1 55.6	+0.6095	0.5784	−0.0006	3.8
ν^2 Sagittarii	5.0	+0.88	+ 4.6	−22 44.5	19 17 15.9	+2 18.6	+0.5332	0.5784	+0.0003	3.8
74 Aquarii	5.9	+1.91	+11.3	−11 54.7	23 22 38.2	+3 58.7	+0.2796	0.5637	+0.1949	8.0
ξ^2 Ceti	4.3	+2.99	+11.8	+ 8 12.8	27 21 54.4	−0 4.1	+1.0213	0.5695	+0.2111	12.0
BD + 11° 445	5.9	+3.17	+ 9.8	+11 39.9	28 16 7.1	−6 30.8	+1.2339	0.5755	+0.1904	12.8
Dezember										
	m	s	"	° ′	d h m	h m				d
63 Geminorum	5.3	+3.17	− 9.8	+21 33.5	3 2 21.0	−0 16.3	+0.5536	0.5749	−0.0307	17.2
BD + 11° 445	5.9	+3.16	+ 8.9	+11 39.8	26 0 2.2	+3 12.0	+1.1707	0.5659	+0.1885	10.4
i Tauri	5.1	+3.69	+ 2.6	+18 44.8	27 18 58.6	−3 25.0	+0.6112	0.5806	+0.1166	12.2

Sternbedeckungen 1944

Ein- und Austritte für Berlin-Babelsberg

Tag		Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1944			m		h m	°	m	m	d
Jan.	4	ξ² Ceti	4.3	E.	16 23.7	41	—0.7	+1.2	8.5
	8	64 Orionis	5.2	E.	19 47.8	98	—1.3	—0.1	12.6
	9	68 Orionis	5.7	E.	1 4.7	110	—0.9	—0.6	12.8
Febr.	1	BD +11° 445	5.9	E.	18 56.0	61	—1.3	+0.7	7.2
	4	57 Orionis	5.9	E.	23 16.5	48	—1.3	+0.1	10.4
	5	64 Orionis	5.2	E.	3 22.3	56	+0.1	+0.6	10.5
	7	ϑ Cancri	5.6	E.	23 59.7	111	—1.3	—0.6	13.4
	17	γ Librae	4.0	A.	1 2.1	288	—0.3	—0.2	22.4
März	3	ν Geminorum	4.1	E.	20 20.8	73	—1.5	+0.4	8.7
	6	d¹ Cancri	5.9	E.	2 41.0	86	0.0	—0.1	11.0
	28	63 Tauri	5.7	E.	20 37.6	43	—0.4	+0.9	4.4
	31	ζ Geminorum	3.7—4.1	E.	19 54.6	19	—	—	7.3
April	5	308 B Leonis	5.9	E.	22 58.8	49	—	—	12.5
	6	b Virginis	5.2	E.	23 7.8	116	—1.3	—0.7	13.5
	26	BD +19° 1110	6.0	E.	20 39.7	105	+0.1	—0.4	4.0
Mai	25	56 Geminorum	5.2	E.	20 57.8	83	+0.2	0.0	3.6
Juli	30	χ Ophiuchi	4.8	E.	22 11.3	89	—0.9	—0.1	10.7
Aug.	2	222 B Sagittarii	5.6	E.	20 39.9	134	—1.3	—1.2	13.7
	11	BD +11° 445	5.9	A.	1 57.7	255	—0.9	+0.5	21.9
	14	BD +19° 1110	6.0	A.	1 27.6	222	+0.4	+1.1	24.9
	14	χ¹ Orionis	4.6	A.	2 29.4	297	—0.6	—0.5	24.9
Okt.	6	64 Tauri	4.8	A.	2 21.6	294	—1.8	—0.8	18.6
Nov.	2	i Tauri	5.1	A.	23 29.6	273	—1.4	0.0	16.8
	5	d Geminorum	5.2	A.	1 1.4	327	—1.9	—2.4	18.8
	8	8 Leonis	5.9	A.	4 37.2	304	—1.4	—0.9	22.0
Dez.	3	63 Geminorum	5.3	A.	3 13.6	271	—1.4	—0.1	17.2
	27	i Tauri	5.1	E.	17 44.0	50	—0.3	+0.9	12.1

Ein- und Austritte für Königsberg

Tag		Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1944			m		h m	°	m	m	d
Jan.	4	ξ² Ceti	4.3	E.	16 34.0	44	—0.8	+1.8	8.5
	8	64 Orionis	5.2	E.	19 59.4	97	—1.4	+0.6	12.6
	9	68 Orionis	5.7	E.	1 6.5	99	—0.7	—1.7	12.8
Febr.	1	BD +11° 445	5.9	E.	19 20.6	61	—0.8	—0.5	7.2
	4	57 Orionis	5.9	E.	23 26.9	31	—1.2	+0.9	10.4
	8	ϑ Cancri	5.6	E.	0 5.6	99	—1.2	—1.4	13.4
	17	γ Librae	4.0	A.	1 8.3	300	—0.6	+0.7	22.4
März	3	ν Geminorum	4.1	E.	20 31.0	62	—1.3	—0.1	8.8
	6	d¹ Cancri	5.9	E.	2 37.3	78	—0.1	—1.4	11.0
	28	63 Tauri	5.7	E.	20 40.6	28	—0.4	+0.3	4.4
April	6	b Virginis	5.2	E.	23 14.6	105	—1.3	—1.3	13.5
	26	BD +19° 1110	6.0	E.	20 35.0	95	+0.2	—1.5	4.0
Mai	25	56 Geminorum	5.2	E.	20 53.5	74	+0.2	—1.1	3.6
Juli	30	χ Ophiuchi	4.8	E.	22 14.1	89	—0.7	—1.5	10.7

Sternbedeckungen 1944

Ein- und Austritte für Königsberg

Tag		Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1944									
			m		h m	°	m	m	d
Aug.	2	222 B Sagittarii	5.6	E.	20 49.4	130	−1.4	−0.3	13.7
	11	BD +11° 445	5.9	A.	2 8.1	251	−1.0	+1.5	21.9
	14	BD +19° 1110	6.0	A.	1 30.6	219	+0.2	+2.4	24.9
	14	χ^1 Orionis	4.6	A.	2 36.5	294	−0.7	+1.0	24.9
	29	BD −22° 4928	6.0	E.	23 14.8	146	−1.3	−0.3	11.1
Okt.	6	64 Tauri	4.8	A.	2 31.8	296	−1.6	−1.5	18.6
Nov.	2	i Tauri	5.1	A.	23 41.2	273	−1.4	+0.4	16.8
	5	d Geminorum	5.2	A.	1 8.8	334	—	—	18.8
	8	8 Leonis	5.9	A.	4 44.3	316	−1.2	−1.5	22.0
	19	ν^1 Sagittarii	5.0	E.	17 32.8	26	+0.2	+0.1	3.8
Dez.	3	63 Geminorum	5.3	A.	3 20.4	281	−1.1	−1.3	17.2
	27	i Tauri	5.1	E.	17 52.0	53	−0.5	+2.0	12.1

Ein- und Austritte für Straßburg

Tag		Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1944									
			m		h m	°	m	m	d
Jan.	4	ξ^2 Ceti	4.3	E.	16 11.9	42	−0.7	+2.1	8.5
	8	64 Orionis	5.2	E.	19 37.5	104	−1.1	+0.7	12.6
	9	68 Orionis	5.7	E.	1 8.2	125	−0.2	−0.3	12.8
Febr.	1	BD +11° 445	5.9	E.	18 48.1	68	−1.5	+0.3	7.2
	4	57 Orionis	5.9	E.	23 9.8	65	−1.0	−0.2	10.4
	5	64 Orionis	5.2	E.	3 26.1	69	+0.4	−0.8	10.5
	7	ϑ Cancri	5.6	E.	23 59.1	126	−1.4	−2.0	13.4
	17	γ Librae	4.0	A.	0 54.4	273	−0.6	+1.4	22.4
März	3	ν Geminorum	4.1	E.	20 13.1	86	−1.7	−0.4	8.7
	6	d^1 Cancri	5.9	E.	2 46.7	96	−0.1	−1.6	11.0
	28	63 Tauri	5.7	E.	20 36.7	59	0.0	−0.5	4.4
	31	ζ Geminorum	3.7—4.1	E.	19 33.5	49	−2.0	+1.1	7.3
April	5	308 B Leonis	5.9	E.	22 43.2	73	−2.3	+0.8	12.4
	6	b Virginis	5.2	E.	23 5.8	129	−1.4	−1.5	13.5
	26	BD +19° 1110	6.0	E.	20 47.7	119	−0.3	−2.3	4.0
Mai	25	56 Geminorum	5.2	E.	21 3.6	93	+0.1	−1.4	3.6
Juni	22	85 Geminorum	5.4	E.	20 32.5	91	+0.4	−1.2	2.2
	26	308 B Leonis	5.9	E.	22 33.0	156	+0.3	−2.3	6.2
Juli	14	ξ^2 Ceti	4.3	A.	0 21.7	324	—	—	23.3
	30	χ Ophiuchi	4.8	E.	22 10.6	92	−1.1	−1.3	10.7
Aug.	2	222 B Sagittarii	5.6	E.	20 34.5	142	−1.6	−1.2	13.7
	11	BD +11° 445	5.9	A.	1 47.2	254	−0.9	+1.7	21.9
	14	BD +19° 1110	6.0	A.	1 21.7	220	+0.5	+2.3	24.9
	14	χ^1 Orionis	4.6	A.	2 22.8	294	0.0	+0.9	24.9
	29	BD −22° 4928	6.0	E.	23 13.5	145	−1.8	−3.1	11.1
Okt.	6	64 Tauri	4.8	A.	2 14.0	285	−1.9	−0.3	18.6
Nov.	2	i Tauri	5.1	A.	23 19.3	269	−1.3	+1.0	16.8

Sternbedeckungen 1944

Ein- und Austritte für Straßburg

Tag		Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1944			m		h m	°	m	m	d
Nov.	5	d Geminorum	5.2	A.	0 57.4	313	−1.8	−0.9	18.8
	8	8 Leonis	5.9	A.	4 30.7	289	−1.6	−0.1	22.0
	19	ν^1 Sagittarii	5.0	E.	17 32.5	21	—	—	3.8
Dez.	3	63 Geminorum	5.3	A.	3 6.5	254	−1.7	+0.1	17.2
	27	i Tauri	5.1	E.	17 34.7	51	−0.2	+2.1	12.1

Ein- und Austritte für Wien

Tag		Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1944			m		h m	°	m	m	d
Jan.	4	ξ^2 Ceti	4.3	E.	16 18.4	52	−1.0	+1.8	8.5
	5	μ Ceti	4.4	E.	2 8.8	28	+0.1	+0.5	8.9
	8	64 Orionis	5.2	E.	19 51.0	114	−1.8	0.0	12.6
	9	68 Orionis	5.7	E.	1 16.5	121	−0.7	−2.4	12.9
Febr.	1	BD +11° 445	5.9	E.	19 1.3	75	−1.5	−0.3	7.2
	4	57 Orionis	5.9	E.	23 20.8	60	−1.2	−6.3	10.4
	5	64 Orionis	5.2	E.	3 24.7	62	+0.2	−0.7	10.5
	8	ϑ Cancri	5.6	E.	0 11.0	119	−1.2	−1.9	13.4
	17	γ Librae	4.0	A.	0 59.6	280	−0.8	+1.1	22.4
März	3	ν Geminorum	4.1	E.	20 27.7	84	−1.6	−0.7	8.8
	6	d^1 Cancri	5.9	E.	2 46.6	90	+0.1	−1.4	11.0
	28	63 Tauri	5.7	E.	20 40.1	54	−0.3	−0.5	4.4
	31	ζ Geminorum	3.7−4.1	E.	19 49.7	42	−2.0	+1.4	7.3
April	2	δ Cancri	4.2	E.	18 12.1	51	−2.2	+2.9	9.3
	5	308 B Leonis	5.9	E.	23 4.3	57	−2.7	+0.5	12.5
	6	b Virginis	5.2	E.	23 18.0	120	−1.4	−1.5	13.5
	26	BD +19° 1110	6.0	E.	20 46.5	112	+0.3	−1.6	4.0
Mai	25	56 Geminorum	5.2	E.	21 2.3	87	+0.3	−1.2	3.6
Juli	14	ξ^2 Ceti	4.3	A.	0 26.5	312	−0.6	+0.4	23.3
	30	χ Ophiuchi	4.8	E.	22 20.2	95	−0.8	−1.2	10.7
Aug.	2	222 B Sagittarii	5.6	E.	20 49.9	140	−1.6	−0.8	13.7
	11	BD +11° 445	5.9	A.	1 53.8	244	−0.9	+1.7	21.9
	14	BD +19° 1110	6.0	A.	1 16.3	209	+0.6	+2.6	24.9
	14	χ^1 Orionis	4.6	A.	2 26.5	284	−0.6	+1.2	24.9
Okt.	6	64 Tauri	4.8	A.	2 30.1	276	−1.8	−0.4	18.6
Nov.	2	i Tauri	5.1	A.	23 30.7	259	−1.4	+1.0	16.8
	5	d Geminorum	5.2	A.	1 13.3	305	−1.8	−0.8	18.9
	8	8 Leonis	5.9	A.	4 45.2	293	−1.7	−0.6	22.0
	19	ν^1 Sagittarii	5.0	E.	17 32.8	36	−0.2	0.0	3.8
Dez.	3	63 Geminorum	5.3	A.	3 21.0	259	−1.6	−0.5	17.2
	27	i Tauri	5.1	E.	17 37.1	62	−0.5	+1.9	12.1

0h Welt-Zeit	Mondbewegung				Lage des Mondäquators gegen den Erdäquator							
	☊	$L_☾$	$\tilde{\omega}_☾$	$M_☾$	i		Δ		☊′		$\Delta -$☋	
1944	°	°	°	°	°		°		°		°	
Jan. −5	128.5054	262.6622	323.98	298.68	24.431	11	311.164	509	357.087	22	2.662	21
+5	127.9758	34.4262	325.09	69.33	24.420	11	310.655	509	357.065	22	2.683	20
15	127.4463	166.1902	326.21	199.98	24.409	11	310.146	509	357.043	22	2.703	20
25	126.9168	297.9541	327.32	330.63	24.398	11	309.637	509	357.021	22	2.723	20
Febr. 4	126.3872	69.7181	328.43	101.28	24.387	11	309.128	510	356.999	22	2.743	20
14	125.8577	201.4821	329.55	231.93	24.376	11	308.618	510	356.977	22	2.763	20
24	125.3282	333.2461	330.66	2.58	24.365	11	308.108	510	356.955	21	2.783	20
März 5	124.7986	105.0100	331.78	133.23	24.354	11	307.598	510	356.934	21	2.803	19
15	124.2691	236.7740	332.89	263.88	24.343	11	307.088	511	356.913	21	2.822	19
25	123.7395	8.5380	334.00	34.53	24.332	12	306.577	511	356.892	20	2.841	19
April 4	123.2100	140.3019	335.12	165.18	24.320	11	306.066	511	356.872	20	2.860	19
14	122.6805	272.0659	336.23	295.83	24.309	12	305.555	511	356.852	20	2.879	18
24	122.1509	43.8299	337.35	66.48	24.297	11	305.044	511	356.832	20	2.897	18
Mai 4	121.6214	175.5938	338.46	197.13	24.286	12	304.533	512	356.812	19	2.915	18
14	121.0919	307.3578	339.57	327.78	24.274	12	304.021	512	356.793	19	2.933	18
24	120.5623	79.1218	340.69	98.43	24.262	12	303.509	512	356.774	19	2.951	17
Juni 3	120.0328	210.8857	341.80	229.08	24.250	12	302.997	512	356.755	19	2.968	17
13	119.5032	342.6497	342.92	359.73	24.238	12	302.485	512	356.736	18	2.985	17
23	118.9737	114.4137	344.03	130.38	24.226	12	301.973	513	356.718	18	3.002	17
Juli 3	118.4442	246.1776	345.15	261.03	24.214	13	301.460	513	356.700	18	3.019	17
13	117.9146	17.9416	346.26	31.68	24.201	12	300.947	513	356.682	18	3.036	16
23	117.3851	149.7056	347.37	162.33	24.189	12	300.434	513	356.664	18	3.052	16
Aug. 2	116.8555	281.4695	348.49	292.98	24.177	12	299.921	514	356.646	17	3.068	16
12	116.3260	53.2335	349.60	63.63	24.165	13	299.407	514	356.629	17	3.084	16
22	115.7965	184.9975	350.72	194.28	24.152	12	298.893	514	356.612	17	3.100	16
Sept. 1	115.2669	316.7614	351.83	324.93	24.140	12	298.379	515	356.595	16	3.116	15
11	114.7374	88.5254	352.94	95.58	24.128	13	297.864	515	356.579	16	3.131	15
21	114.2078	220.2894	354.06	226.23	24.115	12	297.349	515	356.563	16	3.146	15
Okt. 1	113.6783	352.0533	355.17	356.88	24.103	13	296.834	515	356.547	16	3.161	14
11	113.1488	123.8173	356.29	127.53	24.090	13	296.319	516	356.531	15	3.175	14
21	112.6192	255.5813	357.40	258.18	24.077	13	295.803	516	356.516	15	3.189	14
31	112.0897	27.3452	358.51	28.83	24.064	13	295.287	516	356.501	15	3.203	14
Nov. 10	111.5601	159.1092	359.63	159.48	24.051	13	294.771	516	356.486	14	3.217	13
20	111.0306	290.8732	0.74	290.13	24.038	13	294.255	516	356.472	14	3.230	13
30	110.5011	62.6371	1.86	60.78	24.025	13	293.739	516	356.458	14	3.243	13
Dez. 10	109.9715	194.4011	2.97	191.43	24.012	13	293.223	517	356.444	14	3.256	13
20	109.4420	326.1651	4.08	322.08	23.999	13	292.706	517	356.430	13	3.269	12
30	108.9125	97.9291	5.20	92.73	23.986	13	292.189	518	356.417	13	3.281	12
40	108.3829	229.6930	6.31	223.38	23.973		291.671		356.404		3.293	

Mondkrater Mösting A. 1944

Tag		0h Welt-Zeit $\alpha_☾ - \alpha_k$			$\delta_☾ - \delta_k$			log sin p_k		
1944		s	s	s	"	"	"			
Jan.	3	−14.92			+72.1			8.23202		
	4	−15.30	−0.38	+0.48	+84.1	+12.0	+0.3	8.22724	−478	+16
	5	−15.20	+0.10	+0.46	+96.4	+12.3	−1.3	8.22262	−462	+27
	6	−14.64	+0.56	+0.44	+107.4	+11.0	−2.9	8.21827	−435	+34
	7	−13.64	+1.00	+0.37	+115.5	+8.1	−4.6	8.21426	−401	+36
	8	−12.27	+1.37	+0.25	+119.0	+3.5	−5.8	8.21061	−365	+37
	9	−10.65	+1.62	+0.09	+116.7	−2.3	−6.3	8.20733	−328	+36
	10	−8.94	+1.71	−0.07	+108.1	−8.6	−5.9	8.20441	−292	+44
	11	−7.30	+1.64	−0.17	+93.6	−14.5	−5.0	8.20193	−248	+54
	12	−5.83	+1.47	−0.22	+74.1	−19.5	−3.3	8.19999	−194	+67
	13	−4.58	+1.25	−0.20	+51.3	−22.8	−1.8	8.19872	−127	+82
	14	−3.53	+1.05	−0.14	+26.7	−24.6	−0.1	8.19827	−45	+97
	15	−2.62	+0.91	−0.08	+2.0	−24.7	+1.6	8.19879	+52	+112
	16	−1.79	+0.83	−0.03	−21.1	−23.1	+3.2	8.20043	+164	+122
	17	−0.99	+0.80	−0.01	−41.0	−19.9	+4.7	8.20329	+286	+126
	18	−0.20	+0.79	−0.01	−56.2	−15.2	+6.2	8.20741	+412	+119
	19	+0.58	+0.78	−0.10	−65.2	−9.0	+7.6	8.21272	+531	+102
	20	+1.26	+0.68	−0.24	−66.6	−1.4	+8.4	8.21905	+633	+71
		s	s	s	"	"	"			
Febr.	1	−16.45			+89.6			8.22775		
	2	−16.11	+0.34	+0.56	+101.2	+11.6	−1.8	8.22162	−613	+56
	3	−15.21	+0.90	+0.46	+111.0	+9.8	−3.8	8.21605	−557	+71
	4	−13.85	+1.36	+0.33	+117.0	+6.0	−5.5	8.21119	−486	+79
	5	−12.16	+1.69	+0.14	+117.5	+0.5	−6.4	8.20712	−407	+78
	6	−10.33	+1.83	−0.05	+111.6	−5.9	−6.2	8.20383	−329	+75
	7	−8.55	+1.78	−0.17	+99.5	−12.1	−5.5	8.20129	−254	+69
	8	−6.94	+1.61	−0.25	+81.9	−17.6	−3.9	8.19944	−185	+66
	9	−5.58	+1.36	−0.24	+60.4	−21.5	−2.2	8.19825	−119	+66
	10	−4.46	+1.12	−0.18	+36.7	−23.7	−0.5	8.19772	−53	+70
	11	−3.52	+0.94	−0.10	+12.5	−24.2	+1.0	8.19789	+17	+75
	12	−2.68	+0.84	−0.02	−10.7	−23.2	+2.4	8.19881	+92	+85
	13	−1.86	+0.82	+0.04	−31.5	−20.8	+3.9	8.20058	+177	+94
	14	−1.00	+0.86	+0.06	−48.4	−16.9	+5.3	8.20329	+271	+102
	15	−0.08	+0.92	+0.03	−60.0	−11.6	+6.8	8.20702	+373	+103
	16	+0.87	+0.95	−0.07	−64.8	−4.8	+7.8	8.21178	+476	+96
	17	+1.75	+0.88	−0.24	−61.8	+3.0	+8.3	8.21750	+572	+80
	18	+2.39	+0.64	−0.50	−50.5	+11.3	+7.7	8.22402	+652	+51
		s	s	s	"	"	"			
März	2	−15.21			+113.7			8.21654		
	3	−13.71	+1.50	+0.29	+116.5	+2.8	−5.9	8.21081	−573	+102
	4	−11.92	+1.79	+0.06	+113.4	−3.1	−6.3	8.20610	−471	+110
	5	−10.07	+1.85	−0.11	+104.0	−9.4	−5.7	8.20249	−361	+107
	6	−8.33	+1.74	−0.23	+88.9	−15.1	−4.5	8.19995	−254	+100
	7	−6.82	+1.51	−0.27	+69.3	−19.6	−2.7	8.19841	−154	+90
	8	−5.58	+1.24	−0.23	+47.0	−22.3	−1.1	8.19777	−64	+79
	9	−4.57	+1.01	−0.16	+23.6	−23.4	+0.6	8.19792	+15	+71
	10	−3.72	+0.85	−0.07	+0.8	−22.8	+2.0	8.19878	+86	+66

Tag		$\alpha_☾ - \alpha_k$			$\delta_☾ - \delta_k$			log sin p_k		
		0ʰ Welt-Zeit								
1944		s	s	s	"	"	"			
März	10	− 3.72	+0.78	−0.07	+ 0.8	−20.8	+2.0	8.19878	+152	+ 66
	11	− 2.94	+0.79	+0.01	− 20.0	−17.3	+3.5	8.20030	+214	+ 62
	12	− 2.15	+0.85	+0.06	− 37.3	−12.7	+4.6	8.20244	+278	+ 64
	13	− 1.30	+0.93	+0.08	− 50.0	− 6.8	+5.9	8.20522	+345	+ 67
	14	− 0.37	+0.95	+0.02	− 56.8	+ 0.2	+7.0	8.20867	+414	+ 69
	15	+ 0.58	+0.87	−0.08	− 56.6	+ 7.8	+7.6	8.21281	+482	+ 68
	16	+ 1.45	+0.59	−0.28	− 48.8	+15.3	+7.5	8.21763	+544	+ 62
	17	+ 2.04	+0.07	−0.52	− 33.5	+21.7	+6.4	8.22307	+590	+ 46
	18	+ 2.11	−0.68	−0.75	− 11.8	+25.4	+3.7	8.22897	+607	+ 17
	19	+ 1.43		−0.85	+ 13.6		0.0	8.23504		− 26
März	31	−12.95	+1.69		+112.6	− 7.1		8.21185	−512	
April	1	−11.26	+1.71	+0.02	+105.5	−12.7	−5.6	8.20673	−393	+119
	2	− 9.55	+1.57	−0.14	+ 92.8	−17.5	−4.8	8.20280	−265	+128
	3	− 7.98	+1.34	−0.23	+ 75.3	−20.9	−3.4	8.20015	−140	+125
	4	− 6.64	+1.11	−0.23	+ 54.4	−22.4	−1.5	8.19875	− 26	+114
	5	− 5.53	+0.92	−0.19	+ 32.0	−22.3	+0.1	8.19849	+ 75	+101
	6	− 4.61	+0.79	−0.13	+ 9.7	−20.6	+1.7	8.19924	+159	+ 84
	7	− 3.82	+0.73	−0.06	− 10.9	−17.5	+3.1	8.20083	+227	+ 68
	8	− 3.09	+0.74	+0.01	− 28.4	−13.0	+4.5	8.20310	+280	+ 53
	9	− 2.35	+0.78	+0.04	− 41.4	− 7.5	+5.5	8.20590	+321	+ 41
	10	− 1.57	+0.80	+0.02	− 48.9	− 1.2	+6.3	8.20911	+353	+ 32
	11	− 0.77	+0.76	−0.04	− 50.1	+ 5.8	+7.0	8.21264	+381	+ 28
	12	− 0.01	+0.59	−0.17	− 44.3	+12.8	+7.0	8.21645	+406	+ 25
	13	+ 0.58	+0.23	−0.36	− 31.5	+18.8	+6.0	8.22051	+427	+ 21
	14	+ 0.81	−0.30	−0.53	− 12.7	+22.9	+4.1	8.22478	+441	+ 14
	15	+ 0.51	−0.95	−0.65	+ 10.2	+24.2	+1.3	8.22919	+443	+ 2
	16	− 0.44	−1.56	−0.61	+ 34.4	+22.4	−1.8	8.23362	+424	− 19
	17	− 2.00		−0.44	+ 56.8		−4.3	8.23786		− 49
April	30	− 8.70	+1.33		+ 77.7	−19.4		8.20351	−263	
Mai	1	− 7.37	+1.16	−0.17	+ 58.3	−21.6	−2.2	8.20088	−127	+136
	2	− 6.21	+0.99	−0.17	+ 36.7	−22.0	−0.4	8.19961	+ 6	+133
	3	− 5.22	+0.85	−0.14	+ 14.7	−20.7	+1.3	8.19967	+127	+121
	4	− 4.37	+0.77	−0.08	− 6.0	−17.9	+2.8	8.20094	+231	+104
	5	− 3.60	+0.73	−0.04	− 23.9	−13.7	+4.2	8.20325	+312	+ 81
	6	− 2.87	+0.70	−0.03	− 37.6	− 8.3	+5.4	8.20637	+368	+ 56
	7	− 2.17	+0.67	−0.03	− 45.9	− 1.9	+6.4	8.21005	+400	+ 32
	8	− 1.50	+0.59	−0.08	− 47.8	+ 4.9	+6.8	8.21405	+409	+ 9
	9	− 0.91	+0.40	−0.19	− 42.9	+11.7	+6.8	8.21814	+399	− 10
	10	− 0.51	+0.07	−0.33	− 31.2	+17.4	+5.7	8.22213	+375	− 24
	11	− 0.44	−0.39	−0.46	− 13.8	+21.2	+3.8	8.22588	+343	− 32
	12	− 0.83	−0.91	−0.52	+ 7.4	+22.4	+1.2	8.22931	+306	− 37
	13	− 1.74	−1.37	−0.46	+ 29.8	+21.1	−1.3	8.23237	+267	− 39
	14	− 3.11	−1.69	−0.32	+ 50.9	+17.9	−3.2	8.23504	+225	− 42
	15	− 4.80	−1.81	−0.12	+ 68.8	+13.7	−4.2	8.23729	+175	− 50
	16	− 6.61		+0.05	+ 82.5		−3.9	8.23904		− 61

Mondkrater Mösting A. 1944

Tag		$\alpha_☾ - \alpha_k$			$\delta_☾ - \delta_k$			log sin p_k		
		0ʰ Welt-Zeit								
1944		s	s	s	"	"	"			
Mai	30	− 5.57	+0.91		+17.7	−21.1		8.20009	+ 36	
	31	− 4.66	+0.86	−0.05	− 3.4	−18.9	+2.2	8.20045	+170	+134
Juni	1	− 3.80	+0.82	−0.04	−22.3	−15.1	+3.8	8.20215	+292	+122
	2	− 2.98	+0.79	−0.03	−37.4	− 9.8	+5.3	8.20507	+393	+101
	3	− 2.19	+0.73	−0.06	−47.2	− 3.4	+6.4	8.20900	+465	+ 72
	4	− 1.46	+0.60	−0.13	−50.6	+ 3.8	+7.2	8.21365	+502	+ 37
	5	− 0.86	+0.36	−0.24	−46.8	+11.1	+7.3	8.21867	+504	+ 2
	6	− 0.50	−0.04	−0.40	−35.7	+17.2	+6.1	8.22371	+470	− 34
	7	− 0.54	−0.58	−0.54	−18.5	+21.3	+4.1	8.22841	+406	− 64
	8	− 1.12	−1.16	−0.58	+ 2.8	+22.4	+1.1	8.23247	+319	− 87
	9	− 2.28	−1.63	−0.47	+25.2	+20.5	−1.9	8.23566	+223	− 96
	10	− 3.91	−1.89	−0.26	+45.7	+16.9	−3.6	8.23789	+129	− 94
	11	− 5.80	−1.90	−0.01	+62.6	+12.8	−4.1	8.23918	+ 42	− 87
	12	− 7.70	−1.73	+0.17	+75.4	+ 9.3	−3.5	8.23960	− 36	− 78
	13	− 9.43	−1.45	+0.28	+84.7	+ 7.1	−2.2	8.23924	−102	− 66
	14	−10.88	−1.12	+0.33	+91.8	+ 5.8	−1.3	8.23822	−157	− 55
	15	−12.00		+0.33	+97.6		−0.9	8.23665		− 53
		s	s	s	"	"	"			
Juni	29	− 3.07	+0.95		−36.5	−12.1		8.20236	+334	
	30	− 2.12	+0.93	−0.02	−48.6	− 6.0	+6.1	8.20570	+451	+117
Juli	1	− 1.19	+0.84	−0.09	−54.6	+ 1.3	+7.3	8.21021	+543	+ 92
	2	− 0.35	+0.62	−0.22	−53.3	+ 9.2	+7.9	8.21564	+601	+ 58
	3	+ 0.27	+0.19	−0.43	−44.1	+16.7	+7.5	8.22165	+613	+ 12
	4	+ 0.46	−0.43	−0.62	−27.4	+22.2	+5.5	8.22778	+577	− 36
	5	+ 0.03	−1.19	−0.76	− 5.2	+24.3	+2.1	8.23355	+492	− 85
	6	− 1.16	−1.90	−0.71	+19.1	+22.6	−1.7	8.23847	+368	−124
	7	− 3.06	−2.33	−0.43	+41.7	+18.0	−4.6	8.24215	+218	−150
	8	− 5.39	−2.41	−0.08	+59.7	+12.3	−5.7	8.24433	+ 62	−156
	9	− 7.80	−2.20	+0.21	+72.0	+ 7.8	−4.5	8.24495	− 85	−147
	10	−10.00	−1.80	+0.40	+79.8	+ 5.4	−2.4	8.24410	−208	−123
	11	−11.80	−1.34	+0.46	+85.2	+ 4.6	−0.8	8.24202	−300	− 92
	12	−13.14	−0.87	+0.47	+89.8	+ 4.9	+0.3	8.23902	−360	− 60
	13	−14.01	−0.42	+0.45	+94.7	+ 5.2	+0.3	8.23542	−391	− 31
	14	−14.43		+0.43	+99.9		−0.3	8.23151		− 15
		s	s	s	"	"	"			
Juli	28	− 1.29	+1.12		−54.4	− 2.0		8.20528	+472	
	29	− 0.17	+1.01	−0.11	−56.4	+ 5.8	+7.8	8.21000	+579	+107
	30	+ 0.84	+0.70	−0.31	−50.6	+14.1	+8.3	8.21579	+658	+ 79
	31	+ 1.54	+0.13	−0.57	−36.5	+21.4	+7.3	8.22237	+696	+ 38
Aug.	1	+ 1.67	−0.69	−0.82	−15.1	+25.9	+4.5	8.22933	+678	− 18
	2	+ 0.98	−1.62	−0.93	+10.8	+26.3	+0.4	8.23611	+602	− 76
	3	− 0.64	−2.43	−0.81	+37.1	+22.1	−4.2	8.24213	+469	−133
	4	− 3.07		−0.42	+59.2		−6.9	8.24682		−180

Tag		$\alpha_{☾} - \alpha_k$ (s)	Δ¹ (s)	Δ² (s)	$\delta_{☾} - \delta_k$ (″)	Δ¹ (″)	Δ² (″)	log sin p_k	Δ¹	Δ²
		0h Welt-Zeit								
1944										
Aug.	4	− 3.07	−2.85	−0.42	+ 59.2	+15.2	−6.9	8.24682	+289	−180
	5	− 5.92	−2.84	+0.01	+ 74.4	+ 8.2	−7.0	8.24971	+ 84	−205
	6	− 8.76	−2.51	+0.33	+ 82.6	+ 3.4	−4.8	8.25055	−120	−204
	7	−11.27	−2.00	+0.51	+ 86.0	+ 1.6	−1.8	8.24935	−299	−179
	8	−13.27	−1.42	+0.58	+ 87.6	+ 2.2	+0.6	8.24636	−436	−137
	9	−14.69	−0.83	+0.59	+ 89.8	+ 3.7	+1.5	8.24200	−522	− 86
	10	−15.52	−0.27	+0.56	+ 93.5	+ 4.8	+1.1	8.23678	−561	− 39
	11	−15.79	+0.27	+0.54	+ 98.3	+ 4.7	−0.1	8.23117	−559	+ 2
	12	−15.52		+0.48	+103.0		−1.9	8.22558		+ 28
Aug.	27	+ 1.65	+0.76		− 40.3	+18.3		8.21486	+651	
	28	+ 2.41	+0.09	−0.67	− 22.0	+24.8	+6.5	8.22137	+711	+ 60
	29	+ 2.50	−0.82	−0.91	+ 2.8	+28.0	+3.2	8.22848	+724	+ 13
	30	+ 1.68	−1.79	−0.97	+ 30.8	+26.6	−1.4	8.23572	+677	− 47
	31	− 0.11	−2.60	−0.81	+ 57.4	+21.0	−5.6	8.24249	+567	−110
Sept.	1	− 2.71	−3.02	−0.42	+ 78.4	+12.7	−8.3	8.24816	+395	−172
	2	− 5.73	−3.01	+0.01	+ 91.1	+ 4.9	−7.8	8.25211	+177	−218
	3	− 8.74	−2.69	+0.32	+ 96.0	− 0.1	−5.0	8.25388	− 62	−239
	4	−11.43	−2.18	+0.51	+ 95.9	− 1.7	−1.6	8.25326	−287	−225
	5	−13.61	−1.58	+0.60	+ 94.2	− 0.6	+1.1	8.25039	−474	−187
	6	−15.19	−0.93	+0.65	+ 93.6	+ 1.6	+2.2	8.24565	−604	−130
	7	−16.12	−0.29	+0.64	+ 95.2	+ 3.2	+1.6	8.23961	−670	− 66
	8	−16.41	+0.33	+0.62	+ 98.4	+ 3.3	+0.1	8.23291	−679	− 9
	9	−16.08	+0.87	+0.54	+101.7	+ 1.3	−2.0	8.22612	−645	+ 34
	10	−15.21		+0.39	+103.0		−3.7	8.21967		+ 65
Sept.	25	+ 2.38	−0.03		− 1.4	+26.6		8.22013	+647	
	26	+ 2.35	−0.90	−0.87	+ 25.2	+27.9	+1.3	8.22660	+679	+ 32
	27	+ 1.45	−1.77	−0.87	+ 53.1	+25.1	−2.8	8.23339	+664	− 15
	28	− 0.32	−2.43	−0.66	+ 78.2	+18.7	−6.4	8.24003	+594	− 70
	29	− 2.75	−2.76	−0.33	+ 96.9	+10.5	−8.2	8.24597	+464	−130
	30	− 5.51	−2.78	−0.02	+107.4	+ 2.8	−7.7	8.25061	+274	−190
Okt.	1	− 8.29	−2.54	+0.24	+110.2	− 2.3	−5.1	8.25335	+ 46	−228
	2	−10.83	−2.14	+0.40	+107.9	− 4.3	−2.0	8.25381	−191	−237
	3	−12.97	−1.63	+0.51	+103.6	− 3.4	+0.9	8.25190	−408	−217
	4	−14.60	−1.04	+0.59	+100.2	− 1.2	+2.2	8.24782	−579	−171
	5	−15.64	−0.39	+0.65	+ 99.0	+ 0.5	+1.7	8.24203	−686	−107
	6	−16.03	+0.25	+0.64	+ 99.5	+ 0.6	+0.1	8.23517	−728	− 42
	7	−15.78	+0.81	+0.56	+100.1	− 1.3	−1.9	8.22789	−711	+ 17
	8	−14.97	+1.18	+0.37	+ 98.8	− 5.0	−3.7	8.22078	−648	+ 63
	9	−13.79	+1.37	+0.19	+ 93.8	− 9.4	−4.4	8.21430	−555	+ 93
	10	−12.42		+0.01	+ 84.4		−4.2	8.20875		+112

Mondkrater Mösting A. 1944

Tag		0h Welt-Zeit								
		$\alpha_☾ - \alpha_k$			$\delta_☾ - \delta_k$			log sin p_k		
1944		s	s	s	″	″	″			
Okt.	25	− 0.07	−1.65		+ 73.8	+21.7		8.23120	+549	
	26	− 1.72	−2.05	−0.40	+ 95.5	+15.3	−6.4	8.23669	+512	− 37
	27	− 3.77	−2.21	−0.16	+110.8	+ 8.1	−7.2	8.24181	+428	− 84
	28	− 5.98	−2.19	+0.02	+118.9	+ 1.6	−6.5	8.24609	+295	−133
	29	− 8.17	−2.02	+0.17	+120.5	− 3.0	−4.6	8.24904	+120	−175
	30	−10.19	−1.76	+0.26	+117.5	− 5.4	−2.4	8.25024	− 83	−203
	31	−11.95	−1.40	+0.36	+112.1	− 5.3	+0.1	8.24941	−289	−206
Nov.	1	−13.35	−0.94	+0.46	+106.8	− 4.1	+1.2	8.24652	−470	−181
	2	−14.29	−0.41	+0.53	+102.7	− 3.0	+1.1	8.24182	−605	−135
	3	−14.70	+0.14	+0.55	+ 99.7	− 3.0	0.0	8.23577	−680	− 75
	4	−14.56	+0.63	+0.49	+ 96.7	− 4.9	−1.9	8.22897	−696	− 16
	5	−13.93	+0.97	+0.34	+ 91.8	− 8.0	−3.1	8.22201	−659	+ 37
	6	−12.96	+1.14	+0.17	+ 83.8	−11.7	−3.7	8.21542	−579	+ 80
	7	−11.82	+1.18	+0.04	+ 72.1	−15.1	−3.4	8.20963	−468	+111
	8	−10.64	+1.14	−0.04	+ 57.0	−17.4	−2.3	8.20495	−341	+127
	9	− 9.50		−0.04	+ 39.6		−1.0	8.20154		+134
		s	s	s	″	″	″			
Nov.	23	− 4.15	−1.66		+105.4	+11.1		8.23499	+329	
	24	− 5.81	−1.62	+0.04	+116.5	+ 5.6	−5.5	8.23828	+278	− 51
	25	− 7.43	−1.49	+0.13	+122.1	+ 0.8	−4.8	8.24106	+197	− 81
	26	− 8.92	−1.32	+0.17	+122.9	− 2.7	−3.5	8.24303	+ 86	−111
	27	−10.24	−1.12	+0.20	+120.2	− 4.9	−2.2	8.24389	− 52	−138
	28	−11.36	−0.87	+0.25	+115.3	− 5.8	−0.9	8.24337	−202	−150
	29	−12.23	−0.56	+0.31	+109.5	− 6.0	−0.2	8.24135	−348	−146
	30	−12.79	−0.21	+0.35	+103.5	− 6.1	−0.1	8.23787	−474	−126
Dez.	1	−13.00	+0.16	+0.37	+ 97.4	− 6.8	−0.7	8.23313	−562	− 88
	2	−12.84	+0.49	+0.33	+ 90.6	− 8.6	−1.8	8.22751	−604	− 42
	3	−12.35	+0.73	+0.24	+ 82.0	−11.1	−2.5	8.22147	−596	+ 8
	4	−11.62	+0.88	+0.15	+ 70.9	−13.8	−2.7	8.21551	−543	+ 53
	5	−10.74	+0.95	+0.07	+ 57.1	−16.2	−2.4	8.21008	−454	+ 89
	6	− 9.79	+0.99	+0.04	+ 40.9	−17.6	−1.4	8.20554	−337	+117
	7	− 8.80	+1.02	+0.03	+ 23.3	−17.7	−0.1	8.20217	−202	+135
	8	− 7.78	+1.06	+0.04	+ 5.6	−16.4	+1.3	8.20015	− 60	+142
	9	− 6.72		+0.04	− 10.8		+2.8	8.19955		+138
		s	s	s	″	″	″			
Dez.	23	− 9.55	−0.95		+117.4	0.0		8.23827	− 2	
	24	−10.50	−0.70	+0.25	+117.4	− 2.1	−2.1	8.23825	− 63	− 61
	25	−11.20	−0.47	+0.23	+115.3	− 3.8	−1.7	8.23762	−134	− 71
	26	−11.67	−0.25	+0.22	+111.5	− 5.1	−1.3	8.23628	−214	− 80
	27	−11.92	−0.02	+0.23	+106.4	− 6.5	−1.4	8.23414	−297	− 83
	28	−11.94	+0.18	+0.20	+ 99.9	− 7.9	−1.4	8.23117	−376	− 79
	29	−11.76	+0.37	+0.19	+ 92.0	− 9.6	−1.7	8.22741	−439	− 63
	30	−11.39	+0.52	+0.15	+ 82.4	−11.6	−2.0	8.22302	−477	− 38
	31	−10.87		+0.11	+ 70.8		−2.0	8.21825		− 7

Verfinsterungen: E. Eintritte, A. Austritte (in Welt-Zeit)

TRABANT I

		h	m	
Jan.	1	7	15.6	E.
	3	1	44.1	E.
	4	20	12.4	E.
	6	14	40.8	E.
	8	9	9.2	E.
	10	3	37.6	E.
	11	22	6.0	E.
	13	16	34.4	E.
	15	11	2.8	E.
	17	5	31.3	E.
	18	23	59.7	E.
	20	18	28.2	E.
	22	12	56.6	E.
	24	7	25.1	E.
	26	1	53.6	E.
	27	20	22.1	E.
	29	14	50.5	E.
	31	9	19.1	E.
Febr.	2	3	47.6	E.
	3	22	16.2	E.
	5	16	44.6	E.
	7	11	13.2	E.
	9	5	41.7	E.
	11	0	10.4	E.
	12	20	57.2	A.
	14	15	25.9	A.
	16	9	54.4	A.
	18	4	23.1	A.
	19	22	51.6	A.
	21	17	20.3	A.
	23	11	49.0	A.
	25	6	17.7	A.
	27	0	46.3	A.
	28	19	15.0	A.
März	1	13	43.6	A.
	3	8	12.4	A.
	5	2	41.0	A.
	6	21	9.8	A.
	8	15	38.4	A.
	10	10	7.2	A.
	12	4	35.9	A.
	13	23	4.7	A.
	15	17	33.4	A.
	17	12	2.2	A.
	19	6	30.9	A.
	21	0	59.7	A.
	22	19	28.4	A.
	24	13	57.2	A.
	26	8	26.0	A.
	28	2	54.8	A.
	29	21	23.6	A.

TRABANT I

		h	m	
März	31	15	52.4	A.
April	2	10	21.1	A.
	4	4	50.0	A.
	5	23	18.8	A.
	7	17	47.7	A.
	9	12	16.4	A.
	11	6	45.3	A.
	13	1	14.1	A.
	14	19	42.9	A.
	16	14	11.7	A.
	18	8	40.6	A.
	20	3	9.4	A.
	21	21	38.2	A.
	23	16	7.1	A.
	25	10	35.9	A.
	27	5	4.7	A.
	28	23	33.6	A.
	30	18	2.4	A.
Mai	2	12	31.3	A.
	4	7	0.1	A.
	6	1	29.0	A.
	7	19	57.8	A.
	9	14	26.7	A.
	11	8	55.5	A.
	13	3	24.4	A.
	14	21	53.1	A.
	16	16	22.0	A.
	18	10	50.8	A.
	20	5	19.7	A.
	21	23	48.5	A.
	23	18	17.3	A.
	25	12	46.1	A.
	27	7	15.0	A.
	29	1	43.8	A.
	30	20	12.6	A.
Juni	1	14	41.4	A.
	3	9	10.3	A.
	5	3	39.0	A.
	6	22	7.9	A.
	8	16	36.6	A.
	10	11	5.5	A.
	12	5	34.2	A.
	14	0	3.0	A.
	15	18	31.7	A.
	17	13	0.6	A.
	19	7	29.3	A.
	21	1	58.1	A.
	22	20	26.8	A.
	24	14	55.6	A.
	26	9	24.3	A.
	28	3	53.1	A.

TRABANT I

		h	m	
Juni	29	22	21.8	A.
Juli	1	16	50.6	A.
	3	11	19.2	A.
	5	5	48.0	A.
	7	0	16.7	A.
	8	18	45.4	A.
	10	13	14.1	A.
	12	7	42.8	A.
	14	2	11.5	A.
	15	20	40.2	A.
	17	15	8.8	A.
	19	9	37.5	A.
	21	4	6.2	A.
	22	22	34.9	A.
	24	17	3.5	A.
	26	11	32.1	A.

		h	m	
Sept.	17	11	31.2	E.
	19	5	59.6	E.
	21	0	28.1	E.
	22	18	56.4	E.
	24	13	24.9	E.
	26	7	53.2	E.
	28	2	21.7	E.
	29	20	50.0	E.
Okt.	1	15	18.5	E.
	3	9	46.8	E.
	5	4	15.2	E.
	6	22	43.5	E.
	8	17	11.9	E.
	10	11	40.2	E.
	12	6	8.6	E.
	14	0	36.9	E.
	15	19	5.3	E.
	17	13	33.6	E.
	19	8	1.9	E.
	21	2	30.2	E.
	22	20	58.6	E.
	24	15	26.9	E.
	26	9	55.2	E.
	28	4	23.4	E.
	29	22	51.7	E.
	31	17	20.0	E.
Nov.	2	11	48.3	E.
	4	6	16.5	E.
	6	0	44.8	E.
	7	19	13.1	E.
	9	13	41.3	E.
	11	8	9.6	E.

TRABANT I

		h	m	
Nov.	13	2	37.9	E.
	14	21	6.1	E.
	16	15	34.3	E.
	18	10	2.5	E.
	20	4	30.8	E.
	21	22	59.0	E.
	23	17	27.3	E.
	25	11	55.5	E.
	27	6	23.7	E.
	29	0	51.9	E.
	30	19	20.1	E.
Dez.	2	13	48.3	E.
	4	8	16.6	E.
	6	2	44.8	E.
	7	21	13.0	E.
	9	15	41.2	E.
	11	10	9.4	E.
	13	4	37.6	E.
	14	23	5.8	E.
	16	17	34.0	E.
	18	12	2.2	E.
	20	6	30.4	E.
	22	0	58.6	E.
	23	19	26.8	E.
	25	13	55.0	E.
	27	8	23.2	E.
	29	2	51.4	E.
	30	21	19.6	E.
	32	15	47.9	E.

TRABANT II

		h	m	
Jan.	3	12	7.1	E.
	7	1	24.4	E.
	10	14	41.9	E.
	14	3	59.2	E.
	17	17	16.6	E.
	21	6	33.8	E.
	24	19	51.2	E.
	28	9	8.4	E.
	31	22	25.8	E.
Febr.	4	11	43.0	E.
	8	1	0.4	E.
	11	14	17.6	E.
	15	6	27.8	A.

Jupitertrabanten 1944

Verfinsterungen: E. Eintritte, A. Austritte (in Welt-Zeit)

TRABANT II

		h	m	
Febr.	18	19	45.0	A.
	22	9	2.2	A.
	25	22	19.5	A.
	29	11	36.7	A.
März	4	0	53.9	A.
	7	14	11.1	A.
	11	3	28.4	A.
	14	16	45.6	A.
	18	6	2.9	A.
	21	19	20.1	A.
	25	8	37.4	A.
	28	21	54.6	A.
April	1	11	11.9	A.
	5	0	29.2	A.
	8	13	46.5	A.
	12	3	3.8	A.
	15	16	21.1	A.
	19	5	38.4	A.
	22	18	55.7	A.
	26	8	13.0	A.
	29	21	30.3	A.
Mai	3	10	47.7	A.
	7	0	5.0	A.
	10	13	22.4	A.
	14	2	39.7	A.
	17	15	57.1	A.
	21	5	14.5	A.
	24	18	31.9	A.
	28	7	49.4	A.
	31	21	6.7	A.
Juni	4	10	24.1	A.
	7	23	41.5	A.
	11	12	59.0	A.
	15	2	16.4	A.
	18	15	33.9	A.
	22	4	51.4	A.
	25	18	8.9	A.
	29	7	26.4	A.
Juli	2	20	44.0	A.
	6	10	1.5	A.
	9	23	19.1	A.
	13	12	36.6	A.
	17	1	54.3	A.
	20	15	11.9	A.
	24	4	29.6	A.

		h	m	
Sept.	18	22	21.4	E.
	22	11	39.0	E.
	26	0	57.1	E.

TRABANT II

		h	m	
Sept.	29	14	14.7	E.
Okt.	3	3	32.9	E.
	6	16	50.5	E.
	10	6	8.7	E.
	13	19	26.3	E.
	17	8	44.6	E.
	20	22	2.1	E.
	24	11	20.4	E.
	28	0	38.0	E.
	31	13	56.3	E.
Nov.	4	3	13.8	E.
	7	16	32.2	E.
	11	5	49.6	E.
	14	19	8.0	E.
	18	8	25.5	E.
	21	21	43.9	E.
	25	11	1.4	E.
	29	0	19.7	E.
Dez.	2	13	37.2	E.
	6	2	55.6	E.
	9	16	13.0	E.
	13	5	31.3	E.
	16	18	48.7	E.
	20	8	7.0	E.
	23	21	24.4	E.
	27	10	42.7	E.
	31	0	0.1	E.

TRABANT III

		h	m	
Jan.	6	3	25.6	E.
	13	7	23.3	E.
	20	11	21.3	E.
	27	15	20.2	E.
Febr.	3	19	19.0	E.
	10	23	18.4	E.
	18	6	54.7	A.
	25	10	53.3	A.
März	3	14	51.6	A.
	10	18	50.3	A.
	17	22	50.0	A.
	24	23	13.0	E.
	25	2	49.4	A.
April	1	3	13.2	E.
	1	6	49.3	A.
	8	7	12.8	E.

TRABANT III

		h	m	
April	8	10	48.6	A.
	15	11	12.1	E.
	15	14	47.5	A.
	22	15	11.5	E.
	22	18	46.5	A.
	29	19	11.0	E.
	29	22	45.7	A.
Mai	6	23	11.3	E.
	7	2	45.7	A.
	14	3	11.4	E.
	14	6	45.3	A.
	21	7	11.7	E.
	21	10	45.3	A.
	28	11	11.4	E.
	28	14	44.4	A.
Juni	4	15	10.7	E.
	4	18	43.3	A.
	11	19	9.8	E.
	11	22	42.0	A.
	18	23	9.2	E.
	19	2	40.9	A.
	26	3	9.2	E.
	26	6	40.5	A.
Juli	3	7	8.9	E.
	3	10	39.6	A.
	10	14	39.0	A.
	17	18	37.5	A.
	24	22	35.7	A.

		h	m	
Sept.	20	2	55.4	E.
	27	6	53.4	E.
Okt.	4	10	52.0	E.
	11	14	50.2	E.
	18	18	48.6	E.
Okt.	25	22	46.2	E.
	26	2	7.5	A.
Nov.	2	2	43.5	E.
	2	6	4.0	A.
	9	6	40.7	E.
	9	10	0.6	A.
	16	10	38.0	E.
	16	13	57.3	A.
	23	14	36.2	E.
	23	17	54.5	A.
	30	18	33.9	E.
	30	21	51.6	A.
Dez.	7	22	31.9	E.
	8	1	48.8	A.
	15	2	29.0	E.

TRABANT III

		h	m	
Dez.	15	5	45.3	A.
	22	6	25.9	E.
	22	9	41.5	A.
	29	10	23.0	E.
	29	13	37.8	A.

TRABANT IV

		h	m	
Jan.	14	5	32.6	E.
	14	10	26.6	A.
	30	23	32.8	E.
Febr.	16	22	26.8	A.
März	4	11	36.1	E.
	4	16	28.4	A.
	21	5	38.5	E.
	21	10	29.3	A.
April	6	23	41.4	E.
	7	4	30.5	A.
	23	17	45.3	E.
	23	22	32.4	A.
Mai	10	11	48.5	E.
	10	16	33.5	A.
	27	5	52.0	E.
	27	10	34.2	A.
Juni	12	23	55.9	E.
	13	4	35.2	A.
	29	17	58.9	E.
	29	22	34.9	A.
Juli	16	12	1.5	E.
	16	16	33.8	A.

		h	m	
Sept.	21	12	9.7	E.
Okt.	8	6	10.4	E.
	8	10	19.1	A.
	25	0	10.5	E.
	25	4	13.6	A.
Nov.	10	18	11.3	E.
	10	22	8.0	A.
	27	12	10.9	E.
	27	16	1.1	A.
Dez.	14	6	10.6	E.
	14	9	53.7	A.
	31	0	11.1	E.
	31	3	46.6	A.

0h Welt-Zeit		α	β	p_α	a	b	U'	B'	P'
1944		"	"	"	"	"	°	°	°
Jan.	−3	20.64	18.94	0.00	46.48	−20.84	275.445	−26.731	−2.560
	+5	20.53	18.85	+0.01	46.25	20.76	275.779	26.729	2.716
	13	20.38	18.71	0.02	45.91	20.64	276.114	26.726	2.873
	21	20.20	18.54	0.02	45.49	20.47	276.448	26.722	3.029
	29	19.98	18.34	0.03	44.99	20.27	276.782	26.717	3.186
Febr.	6	19.73	18.11	+0.04	44.43	−20.04	277.116	−26.711	−3.342
	14	19.46	17.87	0.05	43.83	19.79	277.450	26.705	3.499
	22	19.18	17.61	0.05	43.21	19.53	277.785	26.698	3.655
März	1	18.90	17.35	0.06	42.57	19.26	278.119	26.690	3.811
	9	18.62	17.10	0.06	41.94	18.99	278.453	26.681	3.967
	17	18.35	16.85	+0.06	41.33	−18.73	278.787	−26.672	−4.123
	25	18.09	16.61	0.05	40.74	18.48	279.121	26.662	4.279
April	2	17.84	16.38	0.05	40.19	18.24	279.455	26.651	4.434
	10	17.61	16.17	0.04	39.68	18.01	279.789	26.639	4.590
	18	17.40	15.98	0.04	39.21	17.80	280.123	26.626	4.745
	26	17.22	15.81	+0.03	38.79	−17.60	280.457	−26.613	−4.900
Mai	4	17.06	15.66	0.02	38.42	17.42	280.791	26.599	5.055
	12	16.92	15.53	0.02	38.10	17.26	281.124	26.584	5.210
	20	16.80	15.42	0.01	37.84	17.12	281.458	26.568	5.364
	28	16.71	15.34	+0.01	37.64	16.99	281.792	26.551	5.519
Juni	5	16.64	15.28	0.00	37.49	−16.89	282.125	−26.534	−5.673
	13	16.60	15.24	0.00	37.40	16.80	282.458	26.516	5.827
	21	16.59	15.22	0.00	37.37	16.73	282.792	26.497	5.981
	29	16.60	15.23	0.00	37.39	16.68	283.125	26.477	6.134
Juli	7	16.63	15.26	0.00	37.47	16.65	283.458	26.457	6.288
	15	16.69	15.31	−0.01	37.60	−16.64	283.791	−26.436	−6.441
	23	16.78	15.38	0.01	37.79	16.65	284.124	26.414	6.594
	31	16.89	15.48	0.02	38.04	16.68	284.456	26.391	6.747
Aug.	8	17.02	15.60	0.02	38.34	16.73	284.789	26.368	6.899
	16	17.18	15.74	0.03	38.69	16.80	285.121	26.344	7.052
	24	17.36	15.90	−0.04	39.10	−16.90	285.453	−26.319	−7.204
Sept.	1	17.56	16.08	0.04	39.55	17.02	285.785	26.293	7.356
	9	17.78	16.28	0.05	40.05	17.16	286.117	26.266	7.507
	17	18.02	16.50	0.05	40.59	17.33	286.449	26.239	7.658
	25	18.28	16.73	0.06	41.17	17.52	286.781	26.211	7.809
Okt.	3	18.54	16.98	−0.06	41.77	−17.74	287.112	−26.182	−7.960
	11	18.82	17.23	0.06	42.39	17.97	287.444	26.152	8.110
	19	19.10	17.49	0.05	43.02	18.22	287.775	26.122	8.260
	27	19.38	17.74	0.05	43.65	18.49	288.106	26.091	8.410
Nov.	4	19.65	17.99	0.04	44.26	18.76	288.437	26.059	8.559
	12	19.90	18.22	−0.04	44.83	−19.04	288.767	−26.026	−8.708
	20	20.13	18.43	0.03	45.35	19.31	289.098	25.993	8.857
	28	20.34	18.62	0.02	45.80	19.57	289.428	25.959	9.005
Dez.	6	20.50	18.77	0.01	46.17	19.80	289.758	25.924	9.153
	14	20.62	18.89	−0.01	46.44	20.00	290.088	25.888	9.301
	22	20.69	18.96	0.00	46.60	20.16	290.417	25.852	9.448
	30	20.71	18.98	0.00	46.64	−20.27	290.747	−25.815	−9.595

Saturn und Saturnsring 1944

0^h Welt-Zeit	U	B	P	log $\frac{(\Delta)}{\Delta}$	0^h Welt-Zeit	U	B	P	log $\frac{(\Delta)}{\Delta}$
1944					1944				
Jan. −3	315.517	−26.640	−5.157	0.07233	Juni 29	325.541	−26.500	−5.992	9.97777
+1	315.169	26.659	5.126	0.07137	Juli 3	326.116	26.445	6.033	9.97815
5	314.834	26.677	5.096	0.07016	7	326.686	26.388	6.073	9.97869
9	314.516	26.695	5.067	0.06870	11	327.251	26.329	6.112	9.97938
13	314.217	26.712	5.040	0.06701	15	327.809	26.267	6.150	9.98024
17	313.940	−26.729	−5.014	0.06509	19	328.359	−26.204	−6.187	9.98126
21	313.687	26.746	4.991	0.06297	23	328.901	26.140	6.222	9.98244
25	313.460	26.763	4.970	0.06066	27	329.432	26.075	6.256	9.98377
29	313.262	26.779	4.952	0.05817	31	329.952	26.009	6.289	9.98526
Febr. 2	313.094	26.795	4.937	0.05553	Aug. 4	330.459	25.942	6.320	9.98690
6	312.957	−26.810	−4.924	0.05275	8	330.952	−25.875	−6.350	9.98868
10	312.852	26.825	4.914	0.04985	12	331.430	25.808	6.378	9.99060
14	312.780	26.840	4.908	0.04685	16	331.891	25.742	6.405	9.99266
18	312.742	26.855	4.905	0.04377	20	332.335	25.677	6.431	9.99486
22	312.737	26.870	4.905	0.04062	24	332.760	25.613	6.455	9.99719
26	312.766	−26.885	−4.908	0.03742	28	333.165	−25.551	−6.477	9.99964
März 1	312.829	26.899	4.915	0.03420	Sept. 1	333.549	25.490	6.498	0.00220
5	312.926	26.913	4.925	0.03097	5	333.911	25.432	6.517	0.00487
9	313.055	26.926	4.937	0.02774	9	334.249	25.377	6.535	0.00765
13	313.217	26.938	4.953	0.02452	13	334.562	25.325	6.551	0.01052
17	313.410	−26.950	−4.971	0.02134	17	334.850	−25.277	−6.566	0.01347
21	313.634	26.961	4.993	0.01820	21	335.111	25.232	6.579	0.01650
25	313.887	26.970	5.017	0.01512	25	335.343	25.192	6.591	0.01959
29	314.169	26.978	5.044	0.01210	29	335.547	25.157	6.601	0.02273
April 2	314.478	26.985	5.073	0.00917	Okt. 3	335.722	25.126	6.610	0.02591
6	314.814	−26.990	−5.104	0.00633	7	335.867	−25.100	−6.617	0.02911
10	315.174	26.993	5.138	0.00359	11	335.980	25.080	6.622	0.03233
14	315.558	26.994	5.173	0.00095	15	336.062	25.066	6.626	0.03555
18	315.964	26.994	5.210	9.99843	19	336.112	25.057	6.628	0.03875
22	316.391	26.991	5.249	9.99603	23	336.129	25.054	6.629	0.04192
26	316.838	−26.986	−5.289	9.99375	27	336.114	−25.057	−6.628	0.04503
30	317.303	26.978	5.330	9.99161	31	336.066	25.066	6.626	0.04808
Mai 4	317.784	26.967	5.373	9.98960	Nov. 4	335.987	25.081	6.622	0.05104
8	318.281	26.953	5.416	9.98774	8	335.876	25.102	6.617	0.05389
12	318.792	26.937	5.460	9.98603	12	335.735	25.129	6.610	0.05662
16	319.316	−26.918	−5.504	9.98447	16	335.564	−25.161	−6.602	0.05921
20	319.851	26.895	5.549	9.98306	20	335.365	25.198	6.592	0.06164
24	320.397	26.869	5.594	9.98180	24	335.139	25.240	6.581	0.06389
28	320.951	26.840	5.640	9.98070	28	334.887	25.286	6.568	0.06595
Juni 1	321.513	26.808	5.686	9.97976	Dez. 2	334.612	25.336	6.554	0.06780
5	322.080	−26.773	−5.731	9.97899	6	334.317	−25.390	−6.539	0.06943
9	322.652	26.735	5.776	9.97838	10	334.003	25.446	6.522	0.07082
13	323.228	26.693	5.821	9.97793	14	333.673	25.505	6.505	0.07196
17	323.806	26.649	5.865	9.97764	18	333.331	25.566	6.487	0.07284
21	324.385	26.602	5.908	9.97752	22	332.979	25.627	6.468	0.07345
25	324.964	26.552	5.950	9.97756	26	332.621	25.689	6.448	0.07379
29	325.541	−26.500	−5.992	9.97777	30	332.261	−25.751	−6.428	0.07386

0h Welt-Zeit	MIMAS L	MIMAS M	ENCELADUS L	ENCELADUS M	TETHYS L	DIONE L	DIONE M	RHEA L	RHEA M
1944	°	°	°	°	°	°	°	°	°
Jan. −11	163.636	341.58	301.758	206.9	32.519	198.998	270.2	237.594	76.5
+5	155.407	317.34	185.455	85.2	203.691	143.557	213.4	72.633	271.6
21	147.178	293.09	69.152	323.4	14.862	88.115	156.6	267.673	106.6
Febr. 6	138.950	268.85	312.849	201.7	186.034	32.674	99.8	102.712	301.7
22	130.722	244.61	196.545	80.0	357.206	337.232	43.0	297.752	136.8
März 9	122.495	220.36	80.242	318.3	168.378	281.791	346.2	132.791	331.8
25	114.268	196.12	323.939	196.6	339.549	226.349	289.4	327.831	166.9
April 10	106.042	171.88	207.636	74.9	150.721	170.907	232.6	162.870	1.9
26	97.816	147.64	91.334	313.2	321.892	115.466	175.8	357.910	197.0
Sept. 1	32.027	313.75	240.934	59.6	251.264	31.932	81.6	118.226	317.4
17	23.806	289.51	124.637	297.9	62.435	336.490	24.8	313.265	152.4
Okt. 3	15.585	265.28	8.341	176.2	233.607	281.048	328.0	148.305	347.4
19	7.365	241.04	252.047	54.5	44.778	225.606	271.2	343.344	182.5
Nov. 4	359.145	216.81	135.753	292.8	215.949	170.164	214.4	178.384	17.5
20	350.926	192.57	19.460	171.1	27.121	114.721	157.6	13.423	212.6
Dez. 6	342.708	168.34	263.169	49.4	198.292	59.279	100.8	208.463	47.6
22	334.490	144.11	146.878	287.7	9.463	3.837	44.0	43.502	242.6
38	326.272	119.88	30.589	166.0	180.634	308.394	347.2	238.542	77.7

0h Welt-Zeit	TITAN L	TITAN M	HYPERION L	HYPERION M	HYPERION e	HYPERION log a	JAPETUS L	JAPETUS M
1944	°	°	°	°			°	°
Jan. −11	181.712	0.50	326.405	129.55	0.12684	2.33178	172.440	218.37
+5	182.944	1.71	236.333	40.09	0.12746	2.33198	245.049	290.97
21	184.177	2.92	146.087	310.44	0.12802	2.33215	317.659	3.57
Febr. 6	185.410	4.12	55.691	220.62	0.12851	2.33230	30.268	76.17
22	186.643	5.33	325.172	130.68	0.12891	2.33242	102.878	148.77
März 9	187.875	6.54	234.562	40.65	0.12922	2.33250	175.487	221.38
25	189.108	7.75	143.893	310.56	0.12943	2.33255	248.096	293.98
April 10	190.341	8.96	53.198	220.44	0.12953	2.33256	320.706	6.58
26	191.574	10.17	322.513	130.32	0.12954	2.33254	33.315	79.18
Sept. 1	201.435	19.85	321.085	133.62	0.12662	2.33125	254.191	300.00
17	202.668	21.06	231.751	44.93	0.12604	2.33102	326.800	12.60
Okt. 3	203.901	22.26	142.639	316.47	0.12546	2.33079	39.409	85.20
19	205.133	23.47	53.744	228.23	0.12490	2.33056	112.019	157.80
Nov. 4	206.366	24.68	325.058	140.21	0.12437	2.33034	184.628	230.41
20	207.599	25.89	236.568	52.41	0.12389	2.33014	257.238	303.01
Dez. 6	208.832	27.10	148.253	324.79	0.12347	2.32997	329.847	15.61
22	210.064	28.31	60.090	237.32	0.12311	2.32982	42.456	88.21
38	211.297	29.52	332.052	149.98	0.12282	2.32970	115.066	160.81

Saturnstrabanten 1944

Bewegung der mittleren Länge L und der mittleren Anomalie M

Zeit	Mimas		Enceladus		Tethys	Dione		Rhea		Titan		Japetus	
	L	M	L	M	L	L	M	L	M	L	M	L	M
d	°	°	°	°	°	°	°	°	°	°	°	°	°
1	21.9860	20.985	262.7314	262.39	190.6982	131.5349	131.45	79.6900	79.69	22.5770	22.576	4.5381	4.537
2	43.9721	41.970	165.4627	164.79	21.3964	263.0697	262.90	159.3799	159.38	45.1541	45.151	9.0762	9.075
3	65.9581	62.955	68.1941	67.18	212.0947	34.6046	34.35	239.0699	239.07	67.7311	67.727	13.6143	13.612
4	87.9441	83.940	330.9255	329.58	42.7929	166.1395	165.80	318.7599	318.76	90.3081	90.302	18.1524	18.150
5	109.9302	104.925	233.6569	231.97	233.4911	297.6744	297.25	38.4498	38.45	112.8852	112.878	22.6905	22.687
6	131.9162	125.910	136.3882	134.36	64.1893	69.2092	68.70	118.1398	118.14	135.4622	135.454	27.2286	27.225
7	153.9022	146.895	39.1196	36.76	254.8875	200.7441	200.15	197.8298	197.83	158.0392	158.029	31.7667	31.762
8	175.8882	167.880	301.8510	299.15	85.5858	332.2790	331.60	277.5197	277.52	180.6162	180.605	36.3047	36.300
9	197.8743	188.865	204.5824	201.54	276.2840	103.8139	103.05	357.2097	357.22	203.1933	203.181	40.8428	40.837
10	219.8603	209.850	107.3137	103.94	106.9822	235.3487	234.50	76.8997	76.91	225.7703	225.756	45.3809	45.375
11	241.8463	230.835	10.0451	6.33	297.6804	6.8836	5.95	156.5897	156.60	248.3473	248.332	49.9190	49.912
12	263.8324	251.820	272.7765	268.72	128.3786	138.4185	137.40	236.2796	236.29	270.9244	270.907	54.4571	54.450
13	285.8184	272.805	175.5079	171.12	319.0768	269.9534	268.85	315.9696	315.98	293.5014	293.483	58.9952	58.987
14	307.8044	293.790	78.2392	73.51	149.7751	41.4882	40.30	35.6596	35.67	316.0784	316.059	63.5333	63.525
15	329.7905	314.775	340.9706	335.91	340.4733	173.0231	171.75	115.3495	115.36	338.6555	338.634	68.0714	68.062
16	351.7765	335.760	243.7020	238.30	171.1715	304.5580	303.20	195.0395	195.05	361.2325	361.210	72.6095	72.600
d	°	°	°	°	°	°	°	°	°	°	°	°	°
0.1	38.1986	38.098	26.2731	26.24	19.0698	13.1535	13.14	7.9690	7.97	2.2577	2.258	0.4538	0.454
0.2	76.3972	76.197	52.5463	52.48	38.1396	26.3070	26.29	15.9380	15.94	4.5154	4.515	0.9076	0.907
0.3	114.5958	114.295	78.8194	78.72	57.2095	39.4605	39.43	23.9070	23.91	6.7731	6.773	1.3614	1.361
0.4	152.7944	152.394	105.0925	104.96	76.2793	52.6139	52.58	31.8760	31.88	9.0308	9.030	1.8152	1.815
0.5	190.9930	190.492	131.3657	131.20	95.3491	65.7674	65.72	39.8450	39.85	11.2885	11.288	2.2690	2.269
0.6	229.1916	228.591	157.6388	157.44	114.4189	78.9209	78.87	47.8140	47.81	13.5462	13.545	2.7229	2.722
0.7	267.3902	266.689	183.9120	183.68	133.4888	92.0744	92.01	55.7830	55.78	15.8039	15.803	3.1767	3.176
0.8	305.5888	304.788	210.1851	209.92	152.5586	105.2279	105.16	63.7520	63.75	18.0616	18.060	3.6305	3.630
0.9	343.7874	342.886	236.4582	236.15	171.6284	118.3814	118.30	71.7210	71.72	20.3193	20.318	4.0843	4.084
1.0	381.9860	380.985	262.7314	262.39	190.6982	131.5349	131.45	79.6900	79.69	22.5770	22.576	4.5381	4.537
d	°	°	°	°	°	°	°	°	°	°	°	°	°
0.01	3.8199	3.810	2.6273	2.62	1.9070	1.3153	1.31	0.7969	0.80	0.2258	0.226	0.0454	0.045
0.02	7.6397	7.620	5.2546	5.25	3.8140	2.6307	2.63	1.5938	1.59	0.4515	0.452	0.0908	0.091
0.03	11.4596	11.430	7.8819	7.87	5.7209	3.9460	3.94	2.3907	2.39	0.6773	0.677	0.1361	0.136
0.04	15.2794	15.239	10.5093	10.50	7.6279	5.2614	5.26	3.1876	3.19	0.9031	0.903	0.1815	0.181
0.05	19.0993	19.049	13.1366	13.12	9.5349	6.5767	6.57	3.9845	3.98	1.1289	1.129	0.2269	0.227
0.06	22.9192	22.859	15.7639	15.74	11.4419	7.8921	7.89	4.7814	4.78	1.3546	1.355	0.2723	0.272
0.07	26.7390	26.669	18.3912	18.37	13.3489	9.2074	9.20	5.5783	5.58	1.5804	1.580	0.3177	0.318
0.08	30.5589	30.479	21.0185	20.99	15.2559	10.5228	10.52	6.3752	6.38	1.8062	1.806	0.3630	0.363
0.09	34.3787	34.289	23.6458	23.62	17.1628	11.8381	11.83	7.1721	7.17	2.0319	2.032	0.4084	0.408
0.10	38.1986	38.098	26.2731	26.24	19.0698	13.1535	13.14	7.9690	7.97	2.2577	2.258	0.4538	0.454
d	°	°	°	°	°	°	°	°	°	°	°	°	°
0.001	0.3820	0.381	0.2627	0.26	0.1907	0.1315	0.13	0.0797	0.08	0.0226	0.023	0.0045	0.005
0.002	0.7640	0.762	0.5255	0.52	0.3814	0.2631	0.26	0.1594	0.16	0.0452	0.045	0.0091	0.009
0.003	1.1460	1.143	0.7882	0.79	0.5721	0.3946	0.39	0.2391	0.24	0.0677	0.068	0.0136	0.014
0.004	1.5279	1.524	1.0509	1.05	0.7628	0.5261	0.53	0.3188	0.32	0.0903	0.090	0.0182	0.018
0.005	1.9099	1.905	1.3137	1.31	0.9535	0.6577	0.66	0.3984	0.40	0.1129	0.113	0.0227	0.023
0.006	2.2919	2.286	1.5764	1.57	1.1442	0.7892	0.79	0.4781	0.48	0.1355	0.135	0.0272	0.027
0.007	2.6739	2.667	1.8391	1.84	1.3349	0.9207	0.92	0.5578	0.56	0.1580	0.158	0.0318	0.032
0.008	3.0559	3.048	2.1019	2.10	1.5256	1.0523	1.05	0.6375	0.64	0.1806	0.181	0.0363	0.036
0.009	3.4379	3.429	2.3646	2.36	1.7163	1.1838	1.18	0.7172	0.72	0.2032	0.203	0.0408	0.041
0.010	3.8199	3.810	2.6273	2.62	1.9070	1.3153	1.31	0.7969	0.80	0.2258	0.226	0.0454	0.045

0h Welt-Zeit	ϑ					γ	N	J	ω
	Mimas	Encel.	Tethys	Dione	Rhea	Rhea	Saturnsring		
1944	°	°	°	°	°	′	°	°	°
Jan. −11	105.2	209.6	350.1	177.7	190.7	22.02	128.163	6.716	41.673
+ 5	89.2	203.0	346.9	176.4	190.3	22.01	128.164	6.716	41.672
21	73.2	196.3	343.8	175.0	189.9	22.00	128.166	6.716	41.671
Febr. 6	57.2	189.6	340.6	173.7	189.5	21.99	128.168	6.715	41.670
22	41.2	182.9	337.4	172.3	189.1	21.98	128.170	6.715	41.668
März 9	25.2	176.2	334.3	171.0	188.6	21.97	128.172	6.715	41.667
25	9.2	169.5	331.1	169.6	188.2	21.97	128.174	6.715	41.666
April 10	353.2	162.8	327.9	168.2	187.8	21.96	128.175	6.715	41.664
26	337.2	156.1	324.8	166.9	187.4	21.95	128.177	6.714	41.663
Mai 12	321.2	149.4	321.6	165.5	187.0	21.94	128.179	6.714	41.662
28	305.2	142.7	318.4	164.1	186.6	21.93	128.181	6.714	41.661
Juni 13	289.2	136.0	315.3	162.8	186.1	21.92	128.183	6.714	41.659
29	273.2	129.3	312.1	161.4	185.7	21.91	128.185	6.714	41.658
Juli 15	257.2	122.7	308.9	160.1	185.3	21.90	128.186	6.713	41.657
31	241.2	116.0	305.8	158.7	184.9	21.89	128.188	6.713	41.655
Aug. 16	225.2	109.3	302.6	157.3	184.5	21.88	128.190	6.713	41.654
Sept. 1	209.2	102.6	299.4	156.0	184.1	21.87	128.192	6.713	41.653
17	193.2	95.9	296.3	154.6	183.6	21.86	128.194	6.713	41.652
Okt. 3	177.1	89.2	293.1	153.3	183.2	21.85	128.196	6.713	41.650
19	161.1	82.5	289.9	151.9	182.8	21.84	128.197	6.712	41.649
Nov. 4	145.1	75.8	286.8	150.5	182.4	21.83	128.199	6.712	41.648
20	129.1	69.1	283.6	149.2	182.0	21.82	128.201	6.712	41.646
Dez. 6	113.1	62.4	280.4	147.8	181.6	21.81	128.203	6.712	41.645
22	97.1	55.7	277.3	146.5	181.2	21.80	128.205	6.712	41.644
38	81.1	49.0	274.1	145.1	180.7	21.79	128.207	6.711	41.642

$\log \frac{1}{1+\zeta}$, in Einheiten der 5. Dezimale

$u-U$		Mimas	Encel.	Tethys	Dione	Rhea	$u-U$	
0°	360°	−6+	−7+	−9+	−11+	−16+	180°	180°
10	350	−6+	−7+	−9+	−11+	−16+	170	190
20	340	−5+	−7+	−8+	−11+	−15+	160	200
30	330	−5+	−6+	−8+	−10+	−14+	150	210
40	320	−4+	−6+	−7+	− 9+	−12+	140	220
50	310	−3+	−5+	−6+	− 8+	−10+	130	230
60	300	−3+	−4+	−4+	− 6+	− 8+	120	240
70	290	−2+	−3+	−3+	− 4+	− 6+	110	250
80	280	−1+	−1+	−2+	− 2+	− 3+	100	260
90	270	0	0	0	0	0	90	270

Saturnstrabanten 1944

0h Welt-Zeit		TITAN U	TITAN B	TITAN P	HYPERION U	HYPERION B	HYPERION P	JAPETUS U	JAPETUS B	JAPETUS P
1944		°	°	°	°	°	°	°	°	°
Jan.	−3	319.681	−26.284	−5.503	315.172	−26.751	−5.213	34.936	−13.947	−12.730
	+5	319.002	26.324	5.447	314.493	26.788	5.151	34.319	14.064	12.825
	13	318.388	26.363	5.395	313.880	26.824	5.094	33.762	14.174	12.910
	21	317.861	26.400	5.350	313.353	26.858	5.045	33.285	14.272	12.982
	29	317.439	26.435	5.314	312.932	26.891	5.005	32.904	14.357	13.039
Febr.	6	317.136	−26.468	−5.289	312.631	−26.923	−4.977	32.631	−14.426	−13.081
	14	316.961	26.500	5.274	312.458	26.953	4.962	32.476	14.478	13.106
	22	316.919	26.530	5.272	312.419	26.983	4.959	32.443	14.513	13.113
März	1	317.013	26.558	5.281	312.516	27.011	4.970	32.533	14.529	13.103
	9	317.240	26.583	5.302	312.747	27.037	4.993	32.745	14.527	13.076
	17	317.595	−26.605	−5.335	313.106	−27.061	−5.029	33.073	−14.506	−13.032
	25	318.072	26.623	5.377	313.588	27.081	5.076	33.512	14.466	12.971
April	2	318.663	26.635	5.429	314.184	27.096	5.134	34.055	14.408	12.893
	10	319.358	26.640	5.490	314.885	27.104	5.201	34.692	14.333	12.800
	18	320.146	26.636	5.557	315.680	27.103	5.276	35.414	14.241	12.691
	26	321.018	−26.622	−5.630	316.559	−27.093	−5.357	36.211	−14.132	−12.568
Mai	4	321.963	26.598	5.707	317.511	27.073	5.443	37.073	14.007	12.432
	12	322.969	26.563	5.787	318.524	27.042	5.533	37.990	13.868	12.283
	20	324.026	26.516	5.869	319.588	26.998	5.625	38.953	13.716	12.122
	28	325.123	26.456	5.951	320.693	26.942	5.719	39.951	13.551	11.950
Juni	5	326.249	−26.383	−6.033	321.827	−26.874	−5.813	40.975	−13.376	−11.770
	13	327.394	26.298	6.114	322.980	26.793	5.905	42.016	13.191	11.582
	21	328.548	26.201	6.193	324.143	26.700	5.995	43.065	12.998	11.388
	29	329.700	26.094	6.268	325.304	26.595	6.082	44.113	12.800	11.189
Juli	7	330.841	25.977	6.340	326.453	26.481	6.166	45.151	12.598	10.988
	15	331.961	−25.852	−6.408	327.581	−26.359	−6.246	46.170	−12.393	−10.787
	23	333.050	25.721	6.471	328.678	26.230	6.320	47.161	12.189	10.587
	31	334.097	25.585	6.529	329.734	26.096	6.389	48.115	11.988	10.391
Aug.	8	335.094	25.448	6.582	330.739	25.961	6.452	49.024	11.793	10.201
	16	336.031	25.312	6.629	331.683	25.827	6.510	49.879	11.605	10.020
	24	336.898	−25.179	−6.671	332.557	−25.696	−6.561	50.671	−11.427	− 9.851
Sept.	1	337.685	25.054	6.708	333.350	25.571	6.606	51.390	11.263	9.695
	9	338.383	24.939	6.739	334.054	25.457	6.644	52.028	11.116	9.555
	17	338.983	24.836	6.765	334.659	25.355	6.677	52.577	10.987	9.434
	25	339.476	24.749	6.786	335.157	25.269	6.703	53.029	10.880	9.333
Okt.	3	339.854	−24.682	−6.801	335.540	−25.202	−6.722	53.376	−10.798	− 9.256
	11	340.112	24.636	6.812	335.802	25.155	6.736	53.612	10.741	9.203
	19	340.244	24.612	6.817	335.938	25.131	6.743	53.734	10.712	9.176
	27	340.247	24.612	6.817	335.945	25.132	6.743	53.738	10.712	9.175
Nov.	4	340.122	24.637	6.812	335.823	25.156	6.737	53.624	10.741	9.201
	12	339.873	−24.685	−6.803	335.575	−25.204	−6.725	53.396	−10.799	− 9.252
	20	339.505	24.755	6.788	335.208	25.273	6.707	53.060	10.883	9.328
	28	339.030	24.845	6.768	334.735	25.362	6.683	52.626	10.992	9.425
Dez.	6	338.464	24.950	6.744	334.169	25.466	6.654	52.109	11.121	9.540
	14	337.825	25.067	6.717	333.529	25.582	6.620	51.525	11.267	9.669
	22	337.135	25.191	6.686	332.839	25.705	6.582	50.896	11.424	9.807
	30	336.421	−25.318	−6.652	332.125	−25.830	−6.542	50.246	−11.586	− 9.949

0h Welt-Zeit	HYPERION $\alpha_{tr}-\alpha_{pl}$		HYPERION $\delta_{tr}-\delta_{pl}$	
1944	s	s	"	"
Jan. 1	− 7.7	− 7.4	+ 82	−66
3	−15.1	+ 0.2	+ 16	−74
5	−14.9	+ 6.8	− 58	−49
7	− 8.1	+ 9.8	−107	−11
9	+ 1.7	+ 9.4	−118	+25
11	+11.1	+ 6.5	− 93	+48
13	+17.6	+ 2.3	− 45	+59
15	+19.9	− 2.6	+ 14	+55
17	+17.3	− 7.4	+ 69	+35
19	+ 9.9	−10.7	+104	0
21	− 0.8	−10.1	+104	−44
23	−10.9	− 4.7	+ 60	−72
25	−15.6	+ 2.9	− 12	−66
27	−12.7	+ 8.1	− 78	−35
29	− 4.6	+ 9.7	−113	+ 3
31	+ 5.1	+ 8.4	−110	+33
Febr. 2	+13.5	+ 5.0	− 77	+52
4	+18.5	+ 0.5	− 25	+58
6	+19.0	− 4.2	+ 33	+48
8	+14.8	− 8.5	+ 81	+24
10	+ 6.3	−10.6	+105	−14
12	− 4.3	− 8.5	+ 91	−54
14	−12.8	− 2.1	+ 37	−72
16	−14.9	+ 4.8	− 35	−56
18	−10.1	+ 8.7	− 91	−21
20	− 1.4	+ 9.2	−112	+13
22	+ 7.8	+ 7.2	− 99	+40
24	+15.0	+ 3.5	− 59	+52
26	+18.5	− 1.0	− 7	+55
28	+17.5	− 5.4	+ 48	+41
März 1	+12.1	− 9.2	+ 89	+13
3	+ 2.9	−10.1	+102	−27
5	− 7.2	− 6.5	+ 75	−61
7	−13.7	+ 0.2	+ 14	−67
9	−13.5	+ 6.1	− 53	−45
11	− 7.4	+ 8.8	− 98	−10
13	+ 1.4	+ 8.4	−108	+21
15	+ 9.8	+ 5.9	− 87	+43
17	+15.7	+ 2.2	− 44	+53
19	+17.9	− 2.1	+ 9	+50
21	+15.8		+ 59	

0h Welt-Zeit	HYPERION $\alpha_{tr}-\alpha_{pl}$		HYPERION $\delta_{tr}-\delta_{pl}$	
1944	s	s	"	"
März 21	+15.8	− 6.4	+ 59	+33
23	+ 9.4	− 9.4	+ 92	+ 2
25	0.0	− 9.2	+ 94	−36
27	− 9.2	− 4.7	+ 58	−64
29	−13.9	+ 2.0	− 6	−61
31	−11.9	+ 6.9	− 67	−34
April 2	− 5.0	+ 8.5	−101	− 1
4	+ 3.5	+ 7.6	−102	+27
6	+11.1	+ 4.9	− 75	+45
8	+16.0	+ 1.2	− 30	+51
10	+17.2	− 3.2	+ 21	+46
12	+14.0	− 7.1	+ 67	+26
14	+ 6.9	− 9.5	+ 93	− 8
16	− 2.6	− 8.1	+ 85	−45
18	−10.7	− 2.9	+ 40	−64
20	−13.6		− 24	
Sept. 3	+ 7.9	+ 6.0	− 83	+38
5	+13.9	+ 2.7	− 45	+50
7	+16.6	− 1.7	+ 5	+49
9	+14.9	− 6.6	+ 54	+31
11	+ 8.3	− 9.8	+ 85	− 3
13	− 1.5	− 9.0	+ 82	−42
15	−10.5	− 4.1	+ 40	−61
17	−14.6	+ 2.2	− 21	−54
19	−12.4	+ 6.6	− 75	−28
21	− 5.8	+ 8.3	−103	+ 1
23	+ 2.5	+ 7.8	−102	+27
25	+10.3	+ 5.4	− 75	+45
27	+15.7	+ 1.4	− 30	+53
29	+17.1	− 3.5	+ 23	+46
Okt. 1	+13.6	− 8.2	+ 69	+22
3	+ 5.4	−10.5	+ 91	−18
5	− 5.1	− 8.1	+ 73	−53
7	−13.2	− 1.9	+ 20	−64
9	−15.1	+ 4.1	− 44	−47
11	−11.0	+ 7.8	− 91	−19
13	− 3.2	+ 8.7	−110	+11
15	+ 5.5		− 99	

0h Welt-Zeit	HYPERION $\alpha_{tr}-\alpha_{pl}$		HYPERION $\delta_{tr}-\delta_{pl}$	
1944	s	s	"	"
Okt. 15	+ 5.5	+ 7.4	− 99	+36
17	+12.9	+ 4.4	− 63	+51
19	+17.3	− 0.2	− 12	+54
21	+17.1	− 5.6	+ 42	+41
23	+11.5	−10.0	+ 83	+ 9
25	+ 1.5	−10.6	+ 92	−34
27	− 9.1	− 6.2	+ 58	−63
29	−15.3	+ 0.6	− 5	−62
31	−14.7	+ 6.0	− 67	−39
Nov. 2	− 8.7	+ 8.8	−106	− 7
4	+ 0.1	+ 8.8	−113	+22
6	+ 8.9	+ 6.7	− 91	+44
8	+15.6	+ 2.8	− 47	+57
10	+18.4	− 2.4	+ 10	+54
12	+16.0	− 7.9	+ 64	+31
14	+ 8.1	−11.2	+ 95	− 8
16	− 3.1	− 9.7	+ 87	−51
18	−12.8	− 3.6	+ 36	−69
20	−16.4	+ 3.2	− 33	−57
22	−13.2	+ 7.8	− 90	−27
24	− 5.4	+ 9.4	−117	+ 6
26	+ 4.0	+ 8.5	−111	+34
28	+12.5	+ 5.4	− 77	+53
30	+17.9	+ 0.7	− 24	+59
Dez. 2	+18.6	− 5.1	+ 35	+49
4	+13.5	−10.0	+ 84	+17
6	+ 3.5	−11.6	+101	−30
8	− 8.1	− 7.5	+ 71	−64
10	−15.6	− 0.4	+ 7	−69
12	−16.0	+ 5.8	− 62	−46
14	−10.2	+ 9.0	−108	−13
16	− 1.2	+ 9.5	−121	+19
18	+ 8.3	+ 7.4	−102	+45
20	+15.7	+ 3.5	− 57	+60
22	+19.2	− 1.9	+ 3	+58
24	+17.3	− 7.7	+ 61	+38
26	+ 9.6	−11.5	+ 99	− 4
28	− 1.9	−10.5	+ 95	−49
30	−12.4	− 4.4	+ 46	−72
32	−16.8	+ 2.8	− 26	−62
34	−14.0		− 88	

Saturnstrabanten 1944

0ʰ Welt-Zeit	JAPETUS $\alpha_{tr}-\alpha_{pl}$		$\delta_{tr}-\delta_{pl}$	
1944	s	s	"	"
Jan. 1	− 9.0	−6.5	+121	−27
3	−15.5	−6.1	+ 94	−30
5	−21.6	−5.5	+ 64	−31
7	−27.1	−4.7	+ 33	−32
9	−31.8	−3.8	+ 1	−32
11	−35.6	−2.8	− 31	−31
13	−38.4	−1.7	− 62	−29
15	−40.1	−0.6	− 91	−27
17	−40.7	+0.6	−118	−23
19	−40.1	+1.6	−141	−19
21	−38.5	+2.7	−160	−15
23	−35.8	+3.7	−175	−10
25	−32.1	+4.6	−185	− 5
27	−27.5	+5.3	−190	+ 1
29	−22.2	+5.8	−189	+ 6
31	−16.4	+6.3	−183	+11
Febr. 2	−10.1	+6.5	−172	+15
4	− 3.6	+6.5	−157	+19
6	+ 2.9	+6.4	−138	+23
8	+ 9.3	+6.2	−115	+25
10	+15.5	+5.7	− 90	+28
12	+21.2	+5.1	− 62	+29
14	+26.3	+4.4	− 33	+30
16	+30.7	+3.7	− 3	+29
18	+34.4	+2.8	+ 26	+29
20	+37.2	+2.0	+ 55	+27
22	+39.2	+1.1	+ 82	+25
24	+40.3	+0.1	+107	+22
26	+40.4	−0.8	+129	+19
28	+39.6	−1.8	+148	+16
März 1	+37.8	−2.6	+164	+12
3	+35.2	−3.3	+176	+ 8
5	+31.9	−4.0	+184	+ 4
7	+27.9	−4.7	+188	− 1
9	+23.2	−5.2	+187	− 5
11	+18.0	−5.6	+182	−10
13	+12.4	−5.8	+172	−13
15	+ 6.6	−5.9	+159	−17
17	+ 0.7	−5.9	+142	−20
19	− 5.2	−5.7	+122	−23
21	−10.9		+ 99	

0ʰ Welt-Zeit	JAPETUS $\alpha_{tr}-\alpha_{pl}$		$\delta_{tr}-\delta_{pl}$	
1944	s	s	"	"
März 21	−10.9	−5.4	+ 99	−25
23	−16.3	−4.9	+ 74	−27
25	−21.2	−4.4	+ 47	−28
27	−25.6	−3.7	+ 19	−27
29	−29.3	−2.9	− 8	−27
31	−32.2	−2.1	− 35	−26
April 2	−34.3	−1.2	− 61	−24
4	−35.5	−0.2	− 85	−22
6	−35.7	+0.7	−107	−19
8	−35.0	+1.6	−126	−15
10	−33.4	+2.5	−141	−12
12	−30.9	+3.2	−153	− 7
14	−27.7	+3.9	−160	− 3
16	−23.8	+4.6	−163	+ 1
18	−19.2	+5.0	−162	+ 5
20	−14.2		−157	
	s	s	"	"
Sept. 3	−18.7	−4.8	+ 44	−20
5	−23.5	−4.2	+ 24	−22
7	−27.7	−3.4	+ 2	−21
9	−31.1	−2.7	− 19	−21
11	−33.8	−1.8	− 40	−19
13	−35.6	−0.9	− 59	−18
15	−36.5	+0.1	− 77	−16
17	−36.4	+1.0	− 93	−13
19	−35.4	+2.0	−106	−11
21	−33.4	+2.9	−117	− 8
23	−30.5	+3.7	−125	− 5
25	−26.8	+4.4	−130	− 1
27	−22.4	+5.0	−131	+ 2
29	−17.4	+5.5	−129	+ 5
Okt. 1	−11.9	+5.9	−124	+ 9
3	− 6.0	+6.0	−115	+11
5	0.0	+6.1	−104	+14
7	+ 6.1	+6.0	− 90	+16
9	+12.1	+5.7	− 74	+18
11	+17.8	+5.4	− 56	+20
13	+23.2	+4.9	− 36	+20
15	+28.1		− 16	

0ʰ Welt-Zeit	JAPETUS $\alpha_{tr}-\alpha_{pl}$		$\delta_{tr}-\delta_{pl}$	
1944	s	s	"	"
Okt. 15	+28.1	+4.3	− 16	+21
17	+32.4	+3.6	+ 5	+21
19	+36.0	+2.7	+ 26	+20
21	+38.7	+1.9	+ 46	+20
23	+40.6	+0.9	+ 66	+18
25	+41.5	0.0	+ 84	+17
27	+41.5	−1.0	+101	+14
29	+40.5	−1.9	+115	+12
31	+38.6	−2.8	+127	+ 9
Nov. 2	+35.8	−3.8	+136	+ 6
4	+32.0	−4.6	+142	+ 2
6	+27.4	−5.2	+144	− 1
8	+22.2	−5.8	+143	− 4
10	+16.4	−6.3	+139	− 8
12	+10.1	−6.6	+131	−11
14	+ 3.5	−6.7	+120	−15
16	− 3.2	−6.7	+105	−18
18	− 9.9	−6.5	+ 87	−20
20	−16.4	−6.1	+ 67	−22
22	−22.5	−5.4	+ 45	−24
24	−27.9	−4.7	+ 21	−24
26	−32.6	−3.9	− 3	−24
28	−36.5	−2.8	− 27	−24
30	−39.3	−1.8	− 51	−23
Dez. 2	−41.1	−0.6	− 74	−21
4	−41.7	+0.6	− 95	−18
6	−41.1	+1.8	−113	−15
8	−39.3	+2.9	−128	−12
10	−36.4	+3.9	−140	− 8
12	−32.5	+4.8	−148	− 4
14	−27.7	+5.6	−152	0
16	−22.1	+6.2	−152	+ 4
18	−15.9	+6.6	−148	+ 8
20	− 9.3	+6.9	−140	+12
22	− 2.4	+7.0	−128	+15
24	+ 4.6	+6.8	−113	+19
26	+11.4	+6.6	− 94	+21
28	+18.0	+6.1	− 73	+23
30	+24.1	+5.5	− 50	+25
32	+29.6	+4.8	− 25	+25
34	+34.4		0	

Östliche Elongationen (in Welt-Zeit)

MIMAS

		h			h			h			h
Jan.	0	23.7	Febr.	12	9.5	März	25	19.5	Sept.	18	2.5
	1	22.3		13	8.1		26	18.1		19	1.1
	2	21.0		14	6.7		27	16.7		19	23.7
	3	19.6		15	5.4		28	15.4		20	22.3
	4	18.2		16	4.0		29	14.0		21	21.0
	5	16.8		17	2.6		30	12.6		22	19.6
	6	15.4		18	1.2		31	11.2		23	18.2
	7	14.0		18	23.8	April	1	9.9		24	16.8
	8	12.6		19	22.5		2	8.5		25	15.5
	9	11.2		20	21.1		3	7.1		26	14.1
	10	9.9		21	19.7		4	5.7		27	12.7
	11	8.5		22	18.3		5	4.4		28	11.3
	12	7.1		23	16.9		6	3.0		29	9.9
	13	5.7		24	15.5		7	1.6		30	8.6
	14	4.4		25	14.2		8	0.2	Okt.	1	7.2
	15	3.0		26	12.8		8	22.9		2	5.8
	16	1.6		27	11.4		9	21.5		3	4.4
	17	0.2		28	10.0		10	20.1		4	3.0
	17	22.8		29	8.7		11	18.7		5	1.6
	18	21.5	März	1	7.3		12	17.4		6	0.2
	19	20.1		2	5.9		13	16.0		6	22.8
	20	18.7		3	4.5		14	14.6		7	21.5
	21	17.3		4	3.2		15	13.2		8	20.1
	22	15.9		5	1.8		16	11.9		9	18.7
	23	14.5		6	0.4		17	10.5		10	17.3
	24	13.1		6	23.0		18	9.1		11	16.0
	25	11.7		7	21.7		19	7.8		12	14.6
	26	10.4		8	20.3					13	13.2
	27	9.0		9	18.9					14	11.8
	28	7.6		10	17.5					15	10.4
	29	6.2		11	16.1			h		16	9.1
	30	4.9		12	14.8	Sept.	4	21.8		17	7.7
	31	3.5		13	13.4		5	20.4		18	6.3
Febr.	1	2.1		14	12.0		6	19.0		19	4.9
	2	0.7		15	10.6		7	17.7		20	3.5
	2	23.3		16	9.3		8	16.3		21	2.1
	3	22.0		17	7.9		9	14.9		22	0.7
	4	20.6		18	6.5		10	13.5		22	23.3
	5	19.2		19	5.1		11	12.2		23	22.0
	6	17.8		20	3.8		12	10.8		24	20.6
	7	16.4		21	2.4		13	9.4		25	19.2
	8	15.0		22	1.0		14	8.0		26	17.8
	9	13.6		22	23.6		15	6.7		27	16.5
	10	12.2		23	22.3		16	5.3		28	15.1
	11	10.9		24	20.9		17	3.9		29	13.7

Östliche Elongationen (in Welt-Zeit)

MIMAS

		h
Okt.	30	12.3
	31	10.9
Nov.	1	9.6
	2	8.2
	3	6.8
	4	5.4
	5	4.0
	6	2.6
	7	1.2
	7	23.8
	8	22.5
	9	21.1
	10	19.7
	11	18.3
	12	16.9
	13	15.5
	14	14.1
	15	12.7
	16	11.4
	17	10.0
	18	8.6
	19	7.2
	20	5.8
	21	4.4
	22	3.0
	23	1.6
	24	0.2
	24	22.9
	25	21.5
	26	20.1
	27	18.7
	28	17.4
	29	16.0
	30	14.6
Dez.	1	13.2
	2	11.8
	3	10.5
	4	9.1
	5	7.7
	6	6.3
	7	4.9
	8	3.5
	9	2.1
	10	0.7
	10	23.4

MIMAS

		h
Dez.	11	22.0
	12	20.6
	13	19.2
	14	17.8
	15	16.4
	16	15.0
	17	13.6
	18	12.3
	19	10.9
	20	9.5
	21	8.1
	22	6.7
	23	5.3
	24	3.9
	25	2.5
	26	1.1
	26	23.8
	27	22.4
	28	21.0
	29	19.6
	30	18.2
	31	16.8
	32	15.4

ENCELADUS

		h
Jan.	0	9.7
	1	18.5
	3	3.4
	4	12.3
	5	21.2
	7	6.1
	8	14.9
	9	23.8
	11	8.7
	12	17.6
	14	2.4
	15	11.3
	16	20.2
	18	5.1

ENCELADUS

		h
Jan.	19	13.9
	20	22.8
	22	7.7
	23	16.6
	25	1.5
	26	10.3
	27	19.2
	29	4.1
	30	13.0
	31	21.9
Febr.	2	6.8
	3	15.6
	5	0.5
	6	9.4
	7	18.3
	9	3.2
	10	12.1
	11	20.9
	13	5.8
	14	14.7
	15	23.6
	17	8.5
	18	17.4
	20	2.2
	21	11.1
	22	20.0
	24	4.9
	25	13.8
	26	22.7
	28	7.6
	29	16.5
März	2	1.4
	3	10.2
	4	19.1
	6	4.0
	7	12.9
	8	21.8
	10	6.7
	11	15.6
	13	0.5
	14	9.4
	15	18.3
	17	3.2
	18	12.1
	19	21.0

ENCELADUS

		h
März	21	5.9
	22	14.8
	23	23.7
	25	8.6
	26	17.5
	28	2.4
	29	11.3
	30	20.2
April	1	5.1
	2	14.0
	3	22.9
	5	7.8
	6	16.7
	8	1.6
	9	10.5
	10	19.4
	12	4.3
	13	13.2
	14	22.1
	16	7.0
	17	15.9
	19	0.8

		h
Sept.	4	11.8
	5	20.7
	7	5.6
	8	14.5
	9	23.4
	11	8.2
	12	17.1
	14	2.0
	15	10.9
	16	19.8
	18	4.7
	19	13.6
	20	22.5
	22	7.4
	23	16.3
	25	1.2
	26	10.0
	27	18.9
	29	3.8
	30	12.7

Östliche Elongationen (in Welt-Zeit)

ENCELADUS

		h
Okt.	1	21.6
	3	6.5
	4	15.4
	6	0.3
	7	9.2
	8	18.0
	10	2.9
	11	11.8
	12	20.7
	14	5.6
	15	14.5
	16	23.3
	18	8.2
	19	17.1
	21	2.0
	22	10.9
	23	19.8
	25	4.6
	26	13.5
	27	22.4
	29	7.3
	30	16.2
Nov.	1	1.1
	2	9.9
	3	18.8
	5	3.7
	6	12.6
	7	21.4
	9	6.3
	10	15.2
	12	0.1
	13	8.9
	14	17.8
	16	2.7
	17	11.6
	18	20.4
	20	5.3
	21	14.2
	22	23.0
	24	7.9
	25	16.8
	27	1.7
	28	10.5
	29	19.4
Dez.	1	4.3

ENCELADUS

		h
Dez.	2	13.2
	3	22.0
	5	6.9
	6	15.8
	8	0.7
	9	9.5
	10	18.4
	12	3.3
	13	12.2
	14	21.0
	16	5.9
	17	14.8
	18	23.7
	20	8.5
	21	17.4
	23	2.3
	24	11.2
	25	20.0
	27	4.9
	28	13.8
	29	22.7
	31	7.5
	32	16.4

TETHYS

		h
Jan.	0	10.5
	2	7.8
	4	5.1
	6	2.4
	7	23.7
	9	21.0
	11	18.3
	13	15.6
	15	12.9
	17	10.2
	19	7.5
	21	4.8

TETHYS

		h
Jan.	23	2.1
	24	23.4
	26	20.7
	28	18.0
	30	15.3
Febr.	1	12.6
	3	9.9
	5	7.2
	7	4.5
	9	1.8
	10	23.1
	12	20.4
	14	17.7
	16	15.0
	18	12.3
	20	9.6
	22	6.9
	24	4.2
	26	1.5
	27	22.9
	29	20.2
März	2	17.5
	4	14.8
	6	12.2
	8	9.5
	10	6.8
	12	4.1
	14	1.5
	15	22.8
	17	20.1
	19	17.4
	21	14.7
	23	12.1
	25	9.4
	27	6.7
	29	4.0
	31	1.4
April	1	22.7
	3	20.0
	5	17.3
	7	14.7
	9	12.0
	11	9.3
	13	6.6
	15	4.0

TETHYS

		h
April	17	1.3
	18	22.6
Sept.	5	17.7
	7	15.0
	9	12.3
	11	9.6
	13	6.9
	15	4.3
	17	1.6
	18	22.9
	20	20.2
	22	17.5
	24	14.8
	26	12.2
	28	9.5
	30	6.8
Okt.	2	4.1
	4	1.4
	5	22.7
	7	20.0
	9	17.3
	11	14.6
	13	12.0
	15	9.3
	17	6.6
	19	3.9
	21	1.2
	22	22.5
	24	19.8
	26	17.1
	28	14.4
	30	11.7
Nov.	1	9.0
	3	6.3
	5	3.6
	7	0.9
	8	22.2
	10	19.5
	12	16.8
	14	14.1
	16	11.4
	18	8.7

Östliche Elongationen (in Welt-Zeit)

TETHYS

		h
Nov.	20	6.0
	22	3.3
	24	0.6
	25	21.9
	27	19.2
	29	16.4
Dez.	1	13.7
	3	11.0
	5	8.3
	7	5.6
	9	2.9
	11	0.1
	12	21.4
	14	18.7
	16	16.0
	18	13.3
	20	10.5
	22	7.8
	24	5.1
	26	2.4
	27	23.7
	29	21.0
	31	18.3
	33	15.6

DIONE

		h
Jan.	1	13.5
	4	7.1
	7	0.8
	9	18.4
	12	12.1
	15	5.7
	17	23.4
	20	17.0
	23	10.7
	26	4.4
	28	22.1
	31	15.7
Febr.	3	9.4
	6	3.1
	8	20.8
Febr.	11	14.5
	14	8.2
	17	1.8
	19	19.5
	22	13.2
	25	6.9
	28	0.6
März	1	18.3
	4	12.0
	7	5.7
	9	23.4
	12	17.1
	15	10.8
	18	4.5
	20	22.3
	23	16.0
	26	9.7
	29	3.4
	31	21.1
April	3	14.9
	6	8.6
	9	2.4
	11	20.1
	14	13.8
	17	7.5
	20	1.3

		h
Sept.	4	0.8
	6	18.5
	9	12.2
	12	6.0
	14	23.7
	17	17.4
	20	11.1
	23	4.8
	25	22.5
	28	16.2
Okt.	1	9.9
	4	3.6
	6	21.3
	9	15.0
	12	8.7
	15	2.4
Okt.	17	20.1
	20	13.8
	23	7.5
	26	1.2
	28	18.9
	31	12.5
Nov.	3	6.2
	5	23.9
	8	17.5
	11	11.2
	14	4.8
	16	22.5
	19	16.1
	22	9.8
	25	3.4
	27	21.1
	30	14.7
Dez.	3	8.4
	6	2.0
	8	19.6
	11	13.3
	14	6.9
	17	0.6
	19	18.2
	22	11.9
	25	5.5
	27	23.2
	30	16.8
	33	10.5

RHEA

		h
Jan.	0	4.6
	4	16.9
	9	5.2
	13	17.5
	18	5.8
	22	18.1
	27	6.5
	31	18.9
Febr.	5	7.2
	9	19.6
Febr.	14	8.0
	18	20.4
	23	8.8
	27	21.3
März	3	9.7
	7	22.2
	12	10.6
	16	23.1
	21	11.7
	26	0.2
	30	12.7
April	4	1.2
	8	13.8
	13	2.3
	17	14.9

		h
Sept.	4	21.3
	9	9.8
	13	22.4
	18	10.9
	22	23.4
	27	11.9
Okt.	2	0.3
	6	12.8
	11	1.2
	15	13.7
	20	2.1
	24	14.5
	29	2.9
Nov.	2	15.3
	7	3.7
	11	16.1
	16	4.4
	20	16.8
	25	5.1
	29	17.5
Dez.	4	5.8
	8	18.1
	13	6.4
	17	18.7
	22	7.0
	26	19.3
	31	7.6

Elongationen und Konjunktionen (in Welt-Zeit)

TITAN

		h	
Jan.	3	4.9	Unt. Konj.
	6	23.4	Westl. El.
	10	22.8	Ob. Konj.
	15	3.2	Östl. El.
	19	2.4	Unt. Konj.
	22	20.9	Westl. El.
	26	20.4	Ob. Konj.
	31	1.0	Östl. El.
Febr.	4	0.3	Unt. Konj.
	7	19.0	Westl. El.
	11	18.6	Ob. Konj.
	15	23.3	Östl. El.
	19	22.8	Unt. Konj.
	23	17.5	Westl. El.
	27	17.3	Ob. Konj.
März	2	22.1	Östl. El.
	6	21.7	Unt. Konj.
	10	16.6	Westl. El.
	14	16.5	Ob. Konj.
	18	21.5	Östl. El.
	22	21.2	Unt. Konj.
	26	16.3	Westl. El.
	30	16.3	Ob. Konj.
April	3	21.5	Östl. El.
	7	21.2	Unt. Konj.
	11	16.3	Westl. El.
	15	16.7	Ob. Konj.
	19	21.9	Östl. El.

		h	
Sept.	7	1.2	Ob. Konj.
	11	6.0	Östl. El.
	15	4.0	Unt. Konj.
	18	23.4	Westl. El.
	23	1.2	Ob. Konj.
	27	5.8	Östl. El.
Okt.	1	3.6	Unt. Konj.
	4	22.9	Westl. El.
	9	0.6	Ob. Konj.
	13	5.0	Östl. El.
	17	2.7	Unt. Konj.
	20	21.9	Westl. El.
	24	23.5	Ob. Konj.
	29	3.8	Östl. El.

TITAN

		h	
Nov.	2	1.3	Unt. Konj.
	5	20.3	Westl. El.
	9	21.8	Ob. Konj.
	14	2.0	Östl. El.
	17	23.4	Unt. Konj.
	21	18.3	Westl. El.
	25	19.6	Ob. Konj.
	29	23.7	Östl. El.
Dez.	3	21.1	Unt. Konj.
	7	15.9	Westl. El.
	11	17.0	Ob. Konj.
	15	21.0	Östl. El.
	19	18.5	Unt. Konj.
	23	13.2	Westl. El.
	27	14.1	Ob. Konj.
	31	18.1	Östl. El.

HYPERION

		h	
Jan.	3	23.3	Westl. El.
	8	20.8	Ob. Konj.
	15	10.0	Östl. El.
	21	0.7	Unt. Konj.
	25	5.9	Westl. El.
	30	3.3	Ob. Konj.
Febr.	5	17.1	Östl. El.
	11	8.4	Unt. Konj.
	15	13.8	Westl. El.
	20	11.6	Ob. Konj.
	27	2.2	Östl. El.
März	3	17.5	Unt. Konj.
	7	23.0	Westl. El.
	12	21.6	Ob. Konj.
	19	13.2	Östl. El.
	25	4.0	Unt. Konj.
	29	9.4	Westl. El.
April	3	9.3	Ob. Konj.
	10	1.7	Östl. El.
	15	15.5	Unt. Konj.
	19	20.8	Westl. El.

HYPERION

		h	
Sept.	7	21.4	Östl. El.
	12	21.7	Unt. Konj.
	17	3.1	Westl. El.
	22	16.1	Ob. Konj.
	29	6.1	Östl. El.
Okt.	4	5.1	Unt. Konj.
	8	10.5	Westl. El.
	13	23.9	Ob. Konj.
	20	12.9	Östl. El.
	25	11.0	Unt. Konj.
	29	16.3	Westl. El.
Nov.	4	5.7	Ob. Konj.
	10	17.8	Östl. El.
	15	15.4	Unt. Konj.
	19	20.6	Westl El.
	25	9.6	Ob. Konj.
Dez.	1	21.0	Östl. El.
	6	18.4	Unt. Konj.
	10	23.5	Westl. El.
	16	11.9	Ob. Konj.
	22	22.9	Östl. El.
	27	20.6	Unt. Konj.
	32	1.6	Westl. El.

JAPETUS

		h	
Jan.	18	1.1	Westl. El.
Febr.	5	21.0	Ob. Konj.
	26	5.4	Östl. El.
März	18	1.2	Unt. Konj.
April	6	13.9	Westl. El.

		h	
Sept.	16	0.2	Westl. El.
Okt.	5	10.6	Ob. Konj.
	26	3.8	Östl. El.
Nov.	15	11.3	Unt. Konj.
Dez.	4	6.5	Westl. El.
	23	4.2	Ob. Konj.

Konstellationen 1944

Welt-Zeit 1944		h	m	
Jan.	3	22		☿ im Perihel
	4	18		☉ in Erdnähe
	6	18	22	♂ ☌ ☾
	6	20	16	⛢ ☌ ☾
	6	23		♆ stationär in AR.
	8	3	47	♄ ☌ ☾
	8	18		☿ untere ☌ ☉
	10	5		♂ stationär in AR.
	13	11	9	♃ ☌ ☾
	16	15	20	♆ ☌ ☾
	19	22		☿ stationär in AR.
	20	21		♂ ☌ ⛢, ♂ 2° 49′ N.
	22	20	35	♀ ☌ ☾
	23	23	21	☿ ☌ ☾
	25	—		☉ totale Finsternis
	31	19		☿ gr. westl. El. 25°7′
Febr.	3	0	47	⛢ ☌ ☾
	3	6	22	♂ ☌ ☾
	4	6	42	♄ ☌ ☾
	9	11	27	♃ ☌ ☾
	12	6		♃ ☍ ☉
	12	13		⛢ stationär in AR.
	12	21	7	♆ ☌ ☾
	16	21		☿ im Aphel
	20	17		♄ stationär in AR.
	21	19	54	♀ ☌ ☾
	22	19	50	☿ ☌ ☾
März	1	7	38	⛢ ☌ ☾
	2	8	16	♂ ☌ ☾
	2	12	35	♄ ☌ ☾
	7	11	0	♃ ☌ ☾
	7	15		♂ ☌ ♄, ♂ 3° 25′ N.
	11	1	55	♆ ☌ ☾
	17	5		☿ obere ☌ ☉
	20	18		Frühlingsanfang
	22	15	58	♀ ☌ ☾
	24	6		♆ ☍ ☉
	24	20	39	☿ ☌ ☾
	28	17		♀ im Aphel
	28	17	42	⛢ ☌ ☾
	29	22	45	♄ ☌ ☾
	30	18	19	♂ ☌ ☾
	31	21		☿ im Perihel
April	3	13	39	♃ ☌ ☾
	7	6	54	♆ ☌ ☾
	12	10		☿ gr. östl. El. 19° 36′
	13	7		♃ stationär in AR.
	21	11	18	♀ ☌ ☾
	22	9		☿ stationär in AR.
	23	15	46	☿ ☌ ☾
	25	5	52	⛢ ☌ ☾
	26	12	24	♄ ☌ ☾
	28	8	33	♂ ☌ ☾
	30	21	31	♃ ☌ ☾
Mai	2	14		☿ untere ☌ ☉
	4	12	50	♆ ☌ ☾
	11	6		☿ ☌ ♀, ☿ 0°38′ S.
	14	20		☿ im Aphel
	15	0		☿ stationär in AR.
	20	13	10	☿ ☌ ☾
	21	9	45	♀ ☌ ☾
	22	18	11	⛢ ☌ ☾
	24	3	36	♄ ☌ ☾
	27	0	38	♂ ☌ ☾
	28	10	13	♃ ☌ ☾
	29	20		☿ gr. westl. El. 24°43′
	30	12		⛢ ☌ ☉
	31	19	56	♆ ☌ ☾
Juni	5	22		♀ ☌ ⛢, ♀ 0° 19′ S.
	12	22		♆ stationär in AR.
	17	5		☿ ☌ ⛢, ☿ 1°6′ S.
	19	5	7	⛢ ☌ ☾
	19	13	3	☿ ☌ ☾
	20	13	15	♀ ☌ ☾
	20	18	35	♄ ☌ ☾
	21	13		Sommersanfang
	21	18		♄ ☌ ☉
	23	2		♀ ☌ ♄, ♀ 1° 11′ N.
	24	17	24	♂ ☌ ☾
	25	2	11	♃ ☌ ☾
	27	2		♀ obere ☌ ☉
	27	14		☿ ☌ ♄, ☿ 1° 37′ N.
	27	20		☿ im Perihel
	28	3	54	♆ ☌ ☾

Welt-Zeit 1944	h	m	
Juli 1	11		☿ obere ☌ ☉
2	17		☿ ☌ ♀, ☿ 0° 46′ N.
3	5		☉ in Erdferne
5	8		♂ ☌ ♃, ♂ 0° 15′ N.
16	14	7	♅ ☌ ☾
18	8	11	♄ ☌ ☾
19	2		♀ im Perihel
20	—		☉ ringf. Finsternis
20	19	52	♀ ☌ ☾
22	0	33	☿ ☌ ☾
22	19	44	♃ ☌ ☾
23	10	35	♂ ☌ ☾
25	12	10	♆ ☌ ☾
29	17		☿ ☌ ♃, ☿ 0° 41′ S.
Aug. 10	15		☿ gr. östl. El. 27° 25′
10	20		☿ im Aphel
12	21	36	♅ ☌ ☾
13	13		♀ ☌ ♃, ♀ 0° 34′ N.
14	20	3	♄ ☌ ☾
19	13	42	♃ ☌ ☾
20	3	3	♀ ☌ ☾
20	18	44	☿ ☌ ☾
21	4	27	♂ ☌ ☾
21	20	19	♆ ☌ ☾
23	18		☿ stationär in AR.
26	15		☿ ☌ ♀, ☿ 6° 7′ S.
31	18		♃ ☌ ☉
Sept. 3	8		♂ ☌ ♆, ♂ 0° 48′ S.
6	3		☿ untere ☌ ☉
6	15		♀ ☌ ♆, ♀ 0° 18′ S.
8	—		♄ im Perihel
9	4	45	♅ ☌ ☾
9	23		☿ ☌ ♃, ☿ 4° 8′ S.
10	2		♀ ☌ ♂, ♀ 0° 27′ N.
11	6	23	♄ ☌ ☾
15	11		☿ stationär in AR.
16	0	48	☿ ☌ ☾
16	7	30	♃ ☌ ☾
18	4	19	♆ ☌ ☾
18	14		♅ stationär in AR.
18	23	34	♂ ☌ ☾
19	10	54	♀ ☌ ☾
22	23		☿ gr. westl. El. 17° 52′

Welt-Zeit 1944	h	m	
Sept. 23	4		Herbstanfang
23	17		☿ ☌ ♃, ☿ 0° 6′ N.
23	19		☿ im Perihel
27	21		♆ ☌ ☉
Okt. 6	12	41	♅ ☌ ☾
7	12		☿ ☌ ♆, ☿ 0° 30′ N.
8	15	42	♄ ☌ ☾
14	0	54	♃ ☌ ☾
15	12	26	♆ ☌ ☾
16	19	58	☿ ☌ ☾
17	20	29	♂ ☌ ☾
19	19	40	♀ ☌ ☾
20	11		☿ obere ☌ ☉
23	6		♄ stationär in AR.
29	2		☿ ☌ ♂, ☿ 0° 18′ S.
Nov. 2	21	30	♅ ☌ ☾
5	0	20	♄ ☌ ☾
6	19		☿ im Aphel
8	8		♀ im Aphel
10	17	31	♃ ☌ ☾
11	20	57	♆ ☌ ☾
14	17		♂ ☌ ☉
15	19	25	♂ ☌ ☾
17	4	36	☿ ☌ ☾
19	1	40	♀ ☌ ☾
30	6	7	♅ ☌ ☾
Dez. 2	7	57	♄ ☌ ☾
3	10		♅ ☍ ☉
5	2		☿ gr. östl. El. 21° 9′
8	8	31	♃ ☌ ☾
9	5	48	♆ ☌ ☾
13	14		☿ stationär in AR.
14	19	56	♂ ☌ ☾
16	17	3	☿ ☌ ☾
19	0	0	♀ ☌ ☾
20	19		☿ im Perihel
21	23		Wintersanfang
23	3		☿ untere ☌ ☉
27	13	3	♅ ☌ ☾
29	3		♄ ☍ ☉
29	5		☿ ☌ ♂, ☿ 3° 39′ N.
29	13	45	♄ ☌ ☾

Sonnenaufgang 1944

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite								
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1944	h m	h m	h m	h m	h m	h m	h m	h m	
Jan. 0	5 42	6 16	6 55	7 22	7 59	8 25	9 3	10 9	
1	5 43	6 17	6 55	7 22	7 59	8 25	9 3	10 8	
2	5 43	6 17	6 56	7 22	7 59	8 25	9 3	10 7	
3	5 44	6 17	6 56	7 22	7 59	8 25	9 2	10 6	
4	5 44	6 18	6 56	7 22	7 59	8 25	9 2	10 4	
5	5 45	6 18	6 57	7 22	7 58	8 24	9 1	10 3	
6	5 45	6 19	6 57	7 22	7 58	8 24	9 0	10 1	
7	5 46	6 19	6 57	7 22	7 58	8 23	8 59	9 59	
8	5 46	6 19	6 57	7 22	7 58	8 23	8 58	9 57	
9	5 47	6 20	6 57	7 22	7 57	8 22	8 57	9 55	
10	5 47	6 20	6 57	7 22	7 57	8 21	8 56	9 53	
11	5 48	6 20	6 57	7 22	7 56	8 21	8 55	9 51	
12	5 48	6 21	6 57	7 22	7 56	8 20	8 54	9 49	
13	5 49	6 21	6 57	7 21	7 55	8 19	8 52	9 46	
14	5 49	6 21	6 57	7 21	7 54	8 18	8 51	9 44	
15	5 50	6 21	6 57	7 20	7 54	8 17	8 50	9 41	
16	5 50	6 22	6 57	7 20	7 53	8 16	8 48	9 39	
17	5 51	6 22	6 57	7 20	7 52	8 15	8 46	9 36	h m
18	5 51	6 22	6 56	7 19	7 52	8 14	8 45	9 34	11 44
19	5 52	6 22	6 56	7 19	7 51	8 13	8 43	9 31	11 28
20	5 52	6 22	6 56	7 18	7 50	8 11	8 41	9 28	11 16
21	5 53	6 22	6 56	7 18	7 49	8 10	8 40	9 25	11 6
22	5 53	6 22	6 55	7 17	7 48	8 9	8 38	9 22	10 58
23	5 54	6 23	6 55	7 17	7 47	8 7	8 36	9 19	10 50
24	5 54	6 23	6 55	7 16	7 46	8 6	8 34	9 16	10 42
25	5 55	6 23	6 54	7 16	7 44	8 5	8 32	9 13	10 35
26	5 55	6 23	6 54	7 15	7 43	8 3	8 30	9 10	10 28
27	5 56	6 23	6 54	7 14	7 42	8 1	8 28	9 7	10 22
28	5 56	6 23	6 53	7 13	7 41	8 0	8 26	9 4	10 15
29	5 56	6 23	6 53	7 12	7 39	7 58	8 24	9 1	10 9
30	5 57	6 23	6 52	7 12	7 38	7 57	8 21	8 58	10 3
31	5 57	6 23	6 52	7 11	7 37	7 55	8 19	8 54	9 57
Febr. 1	5 57	6 23	6 51	7 10	7 35	7 53	8 17	8 51	9 52
2	5 58	6 23	6 50	7 9	7 34	7 51	8 14	8 48	9 46
3	5 58	6 23	6 50	7 8	7 32	7 50	8 12	8 45	9 41
4	5 58	6 22	6 49	7 7	7 31	7 48	8 10	8 41	9 35
5	5 59	6 22	6 49	7 6	7 29	7 46	8 7	8 38	9 30
6	5 59	6 22	6 48	7 5	7 28	7 44	8 5	8 35	9 25
7	5 59	6 22	6 47	7 4	7 26	7 42	8 2	8 31	9 20
8	6 0	6 22	6 47	7 3	7 25	7 40	8 0	8 28	9 14
9	6 0	6 22	6 46	7 2	7 23	7 38	7 57	8 25	9 9
10	6 0	6 21	6 45	7 1	7 21	7 36	7 55	8 21	9 4

Mittlere Ortszeit — Meridian von Greenwich

Tag		Geographische Breite								
		−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1944		h m	h m	h m	h m	h m	h m	h m	h m	
Jan.	0	18 24	17 49	17 10	16 44	16 7	15 40	15 3	13 57	
	1	18 24	17 50	17 11	16 45	16 8	15 41	15 4	13 59	
	2	18 24	17 50	17 12	16 45	16 9	15 43	15 5	14 1	
	3	18 25	17 51	17 12	16 46	16 10	15 44	15 7	14 3	
	4	18 25	17 51	17 13	16 47	16 11	15 45	15 8	14 6	
	5	18 26	17 52	17 14	16 48	16 12	15 46	15 10	14 8	
	6	18 26	17 53	17 15	16 49	16 13	15 48	15 11	14 11	
	7	18 26	17 53	17 15	16 50	16 15	15 49	15 13	14 13	
	8	18 27	17 54	17 16	16 51	16 16	15 51	15 15	14 16	
	9	18 27	17 54	17 17	16 52	16 17	15 52	15 17	14 19	
	10	18 27	17 55	17 18	16 53	16 18	15 54	15 19	14 22	
	11	18 28	17 55	17 18	16 54	16 20	15 55	15 21	14 25	
	12	18 28	17 56	17 19	16 55	16 21	15 57	15 23	14 28	
	13	18 28	17 56	17 20	16 56	16 22	15 59	15 25	14 31	
	14	18 28	17 57	17 21	16 57	16 24	16 0	15 27	14 35	
	15	18 29	17 57	17 22	16 58	16 25	16 2	15 30	14 38	
	16	18 29	17 58	17 23	16 59	16 27	16 4	15 32	14 41	
	17	18 29	17 58	17 23	17 0	16 28	16 5	15 34	14 44	
	18	18 29	17 59	17 24	17 1	16 30	16 7	15 36	14 48	h m 12 37
	19	18 29	17 59	17 25	17 3	16 31	16 9	15 39	14 51	12 54
	20	18 29	18 0	17 26	17 4	16 33	16 11	15 41	14 55	13 7
	21	18 29	18 0	17 27	17 5	16 34	16 13	15 43	14 58	13 17
	22	18 30	18 1	17 28	17 6	16 36	16 15	15 46	15 2	13 27
	23	18 30	18 1	17 29	17 7	16 37	16 17	15 48	15 5	13 35
	24	18 30	18 2	17 29	17 8	16 39	16 19	15 51	15 9	13 43
	25	18 30	18 2	17 30	17 9	16 41	16 21	15 53	15 12	13 51
	26	18 30	18 2	17 31	17 11	16 42	16 23	15 56	15 16	13 58
	27	18 30	18 3	17 32	17 12	16 44	16 25	15 58	15 19	14 5
	28	18 30	18 3	17 33	17 13	16 46	16 27	16 1	15 23	14 12
	29	18 30	18 3	17 34	17 14	16 47	16 29	16 4	15 26	14 18
	30	18 30	18 4	17 35	17 15	16 49	16 31	16 6	15 30	14 25
	31	18 30	18 4	17 36	17 17	16 51	16 33	16 9	15 33	14 31
Febr.	1	18 30	18 5	17 36	17 18	16 52	16 35	16 11	15 37	14 37
	2	18 30	18 5	17 37	17 19	16 54	16 37	16 14	15 41	14 43
	3	18 29	18 5	17 38	17 20	16 56	16 39	16 17	15 44	14 48
	4	18 29	18 6	17 39	17 21	16 57	16 41	16 19	15 48	14 54
	5	18 29	18 6	17 40	17 23	16 59	16 43	16 22	15 51	15 0
	6	18 29	18 6	17 41	17 24	17 1	16 45	16 25	15 55	15 5
	7	18 29	18 7	17 42	17 25	17 3	16 47	16 27	15 58	15 10
	8	18 29	18 7	17 42	17 26	17 4	16 50	16 30	16 2	15 16
	9	18 29	18 7	17 43	17 27	17 6	16 52	16 32	16 5	15 21
	10	18 28	18 7	17 44	17 29	17 8	16 54	16 35	16 9	15 26

Sonnenaufgang 1944

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite								
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1944	h m	h m	h m	h m	h m	h m	h m	h m	h m
Febr. 10	6 0	6 21	6 45	7 1	7 21	7 36	7 55	8 21	9 4
11	6 0	6 21	6 45	6 59	7 20	7 34	7 52	8 18	8 59
12	6 1	6 21	6 44	6 58	7 18	7 32	7 49	8 14	8 54
13	6 1	6 21	6 43	6 57	7 16	7 29	7 47	8 11	8 49
14	6 1	6 21	6 42	6 56	7 15	7 27	7 44	8 7	8 44
15	6 1	6 20	6 41	6 55	7 13	7 25	7 41	8 4	8 39
16	6 2	6 20	6 40	6 53	7 11	7 23	7 39	8 0	8 34
17	6 2	6 20	6 40	6 52	7 9	7 21	7 36	7 57	8 30
18	6 2	6 19	6 39	6 51	7 7	7 18	7 33	7 53	8 25
19	6 2	6 19	6 38	6 49	7 6	7 16	7 30	7 50	8 20
20	6 2	6 19	6 37	6 48	7 4	7 14	7 28	7 46	8 15
21	6 3	6 18	6 36	6 47	7 2	7 12	7 25	7 43	8 10
22	6 3	6 18	6 35	6 45	7 0	7 9	7 22	7 39	8 6
23	6 3	6 17	6 34	6 44	6 58	7 7	7 19	7 36	8 1
24	6 3	6 17	6 33	6 43	6 56	7 5	7 16	7 32	7 56
25	6 3	6 17	6 32	6 41	6 54	7 3	7 14	7 29	7 51
26	6 3	6 16	6 31	6 40	6 52	7 0	7 11	7 25	7 47
27	6 3	6 16	6 29	6 38	6 50	6 58	7 8	7 22	7 42
28	6 4	6 15	6 28	6 37	6 48	6 55	7 5	7 18	7 37
29	6 4	6 15	6 27	6 35	6 46	6 53	7 2	7 14	7 33
März 1	6 4	6 15	6 26	6 34	6 44	6 51	6 59	7 11	7 28
2	6 4	6 14	6 25	6 32	6 42	6 48	6 56	7 7	7 23
3	6 4	6 14	6 24	6 31	6 40	6 46	6 53	7 4	7 19
4	6 4	6 13	6 23	6 29	6 38	6 43	6 50	7 0	7 14
5	6 4	6 13	6 22	6 28	6 36	6 41	6 47	6 56	7 9
6	6 4	6 12	6 21	6 26	6 34	6 38	6 44	6 53	7 5
7	6 4	6 12	6 20	6 25	6 31	6 36	6 41	6 49	7 0
8	6 4	6 11	6 19	6 23	6 29	6 33	6 38	6 45	6 56
9	6 4	6 11	6 17	6 22	6 27	6 31	6 35	6 42	6 51
10	6 4	6 10	6 16	6 20	6 25	6 28	6 32	6 38	6 46
11	6 4	6 9	6 15	6 18	6 23	6 26	6 29	6 34	6 42
12	6 4	6 9	6 14	6 17	6 21	6 23	6 26	6 31	6 37
13	6 4	6 8	6 13	6 15	6 19	6 21	6 23	6 27	6 32
14	6 4	6 8	6 12	6 14	6 16	6 18	6 20	6 23	6 28
15	6 4	6 7	6 10	6 12	6 14	6 16	6 17	6 20	6 23
16	6 4	6 7	6 9	6 10	6 12	6 13	6 14	6 16	6 19
17	6 4	6 6	6 8	6 9	6 10	6 11	6 11	6 12	6 14
18	6 4	6 5	6 7	6 7	6 8	6 8	6 8	6 9	6 9
19	6 4	6 5	6 5	6 6	6 6	6 5	6 5	6 5	6 5
20	6 4	6 4	6 4	6 4	6 3	6 3	6 2	6 1	6 0
21	6 4	6 4	6 3	6 2	6 1	6 0	5 59	5 58	5 55
22	6 4	6 3	6 2	6 1	5 59	5 58	5 56	5 54	5 51

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite								
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1944	h m	h m	h m	h m	h m	h m	h m	h m	h m
Febr. 10	18 28	18 7	17 44	17 29	17 8	16 54	16 35	16 9	15 26
11	18 28	18 8	17 45	17 30	17 10	16 56	16 38	16 12	15 31
12	18 28	18 8	17 46	17 31	17 11	16 58	16 40	16 16	15 36
13	18 28	18 8	17 46	17 32	17 13	17 0	16 43	16 19	15 41
14	18 27	18 8	17 47	17 33	17 15	17 2	16 46	16 22	15 46
15	18 27	18 9	17 48	17 35	17 17	17 4	16 48	16 26	15 51
16	18 27	18 9	17 49	17 36	17 18	17 6	16 51	16 29	15 56
17	18 26	18 9	17 50	17 37	17 20	17 9	16 53	16 33	16 0
18	18 26	18 9	17 50	17 38	17 22	17 11	16 56	16 36	16 5
19	18 26	18 9	17 51	17 39	17 23	17 13	16 59	16 40	16 10
20	18 25	18 9	17 52	17 40	17 25	17 15	17 1	16 43	16 14
21	18 25	18 10	17 53	17 42	17 27	17 17	17 4	16 46	16 19
22	18 25	18 10	17 53	17 43	17 29	17 19	17 7	16 49	16 23
23	18 24	18 10	17 54	17 44	17 30	17 21	17 9	16 53	16 28
24	18 24	18 10	17 55	17 45	17 32	17 23	17 12	16 56	16 32
25	18 23	18 10	17 56	17 46	17 34	17 25	17 14	16 59	16 37
26	18 23	18 10	17 56	17 47	17 35	17 27	17 17	17 3	16 41
27	18 23	18 10	17 57	17 48	17 37	17 29	17 19	17 6	16 46
28	18 22	18 10	17 58	17 50	17 39	17 31	17 22	17 9	16 50
29	18 22	18 11	17 58	17 51	17 40	17 33	17 25	17 12	16 55
März 1	18 21	18 11	17 59	17 52	17 42	17 36	17 27	17 16	16 59
2	18 21	18 11	18 0	17 53	17 44	17 38	17 30	17 19	17 3
3	18 20	18 11	18 0	17 54	17 45	17 40	17 32	17 22	17 7
4	18 20	18 11	18 1	17 55	17 47	17 42	17 35	17 25	17 12
5	18 19	18 11	18 2	17 56	17 49	17 44	17 37	17 28	17 16
6	18 19	18 11	18 2	17 57	17 50	17 46	17 40	17 32	17 20
7	18 18	18 11	18 3	17 58	17 52	17 48	17 42	17 35	17 24
8	18 18	18 11	18 4	17 59	17 54	17 50	17 45	17 38	17 28
9	18 17	18 11	18 4	18 0	17 55	17 52	17 47	17 41	17 32
10	18 17	18 11	18 5	18 1	17 57	17 54	17 50	17 44	17 36
11	18 16	18 11	18 6	18 3	17 58	17 56	17 52	17 47	17 41
12	18 16	18 11	18 6	18 4	18 0	17 58	17 55	17 51	17 45
13	18 15	18 11	18 7	18 5	18 2	18 0	17 57	17 54	17 49
14	18 14	18 11	18 7	18 6	18 3	18 1	17 59	17 57	17 53
15	18 14	18 11	18 8	18 7	18 5	18 3	18 2	18 0	17 57
16	18 13	18 11	18 9	18 8	18 6	18 5	18 4	18 3	18 1
17	18 13	18 11	18 9	18 9	18 8	18 7	18 7	18 6	18 5
18	18 12	18 11	18 10	18 10	18 10	18 9	18 9	18 9	18 9
19	18 12	18 11	18 11	18 11	18 11	18 11	18 12	18 12	18 13
20	18 11	18 11	18 11	18 12	18 13	18 13	18 14	18 15	18 17
21	18 10	18 11	18 12	18 13	18 14	18 15	18 17	18 19	18 21
22	18 10	18 11	18 12	18 14	18 16	18 17	18 19	18 22	18 25

Sonnenaufgang 1944

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite								
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1944	h m	h m	h m	h m	h m	h m	h m	h m	h m
März 22	6 4	6 3	6 2	6 1	5 59	5 58	5 56	5 54	5 51
23	6 4	6 3	6 1	5 59	5 57	5 55	5 53	5 50	5 46
24	6 4	6 2	5 59	5 57	5 55	5 53	5 50	5 47	5 42
25	6 4	6 1	5 58	5 56	5 53	5 50	5 47	5 43	5 37
26	6 4	6 1	5 57	5 54	5 50	5 48	5 44	5 39	5 32
27	6 4	6 0	5 56	5 53	5 48	5 45	5 41	5 36	5 28
28	6 4	6 0	5 55	5 51	5 46	5 43	5 38	5 32	5 23
29	6 4	5 59	5 53	5 49	5 44	5 40	5 35	5 28	5 18
30	6 4	5 59	5 52	5 48	5 42	5 37	5 32	5 25	5 14
31	6 4	5 58	5 51	5 46	5 40	5 35	5 29	5 21	5 9
April 1	6 4	5 57	5 50	5 45	5 37	5 32	5 26	5 17	5 4
2	6 4	5 57	5 49	5 43	5 35	5 30	5 23	5 13	4 59
3	6 4	5 56	5 47	5 41	5 33	5 27	5 20	5 10	4 55
4	6 4	5 56	5 46	5 40	5 31	5 25	5 17	5 6	4 50
5	6 4	5 55	5 45	5 38	5 29	5 22	5 14	5 2	4 45
6	6 4	5 55	5 44	5 37	5 27	5 20	5 11	4 59	4 40
7	6 4	5 54	5 43	5 35	5 24	5 17	5 8	4 55	4 36
8	6 4	5 53	5 42	5 33	5 22	5 15	5 5	4 51	4 31
9	6 4	5 53	5 40	5 32	5 20	5 12	5 2	4 48	4 26
10	6 4	5 52	5 39	5 30	5 18	5 10	4 59	4 44	4 21
11	6 4	5 52	5 38	5 29	5 16	5 7	4 56	4 40	4 16
12	6 4	5 51	5 37	5 27	5 14	5 5	4 53	4 36	4 12
13	6 4	5 51	5 36	5 26	5 12	5 2	4 50	4 33	4 7
14	6 4	5 50	5 35	5 24	5 10	5 0	4 47	4 29	4 2
15	6 4	5 50	5 33	5 23	5 8	4 57	4 44	4 25	3 57
16	6 4	5 49	5 32	5 21	5 6	4 55	4 41	4 22	3 52
17	6 4	5 49	5 31	5 20	5 4	4 53	4 38	4 18	3 47
18	6 4	5 48	5 30	5 18	5 2	4 50	4 35	4 14	3 42
19	6 4	5 48	5 29	5 17	5 0	4 48	4 32	4 11	3 37
20	6 4	5 47	5 28	5 15	4 58	4 45	4 29	4 7	3 32
21	6 4	5 47	5 27	5 14	4 56	4 43	4 27	4 3	3 26
22	6 4	5 46	5 26	5 12	4 54	4 41	4 24	4 0	3 21
23	6 4	5 46	5 25	5 11	4 52	4 38	4 21	3 56	3 16
24	6 4	5 46	5 24	5 10	4 50	4 36	4 18	3 52	3 11
25	6 4	5 45	5 23	5 8	4 48	4 34	4 15	3 49	3 5
26	6 4	5 45	5 22	5 7	4 46	4 32	4 12	3 45	3 0
27	6 4	5 44	5 21	5 6	4 44	4 29	4 9	3 41	2 55
28	6 4	5 44	5 20	5 4	4 42	4 27	4 7	3 38	2 49
29	6 4	5 44	5 19	5 3	4 40	4 25	4 4	3 34	2 44
30	6 4	5 43	5 18	5 2	4 39	4 23	4 1	3 30	2 38
Mai 1	6 4	5 43	5 18	5 0	4 37	4 21	3 58	3 27	2 32
2	6 5	5 42	5 17	4 59	4 35	4 18	3 56	3 23	2 26

Sonnenuntergang 1944

Mittlere Ortszeit — Meridian von Greenwich

Tag		Geographische Breite								
		−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1944		h m	h m	h m	h m	h m	h m	h m	h m	h m
März	22	18 10	18 11	18 12	18 14	18 16	18 17	18 19	18 22	18 25
	23	18 9	18 11	18 13	18 15	18 17	18 19	18 21	18 25	18 29
	24	18 9	18 11	18 14	18 16	18 19	18 21	18 24	18 28	18 34
	25	18 8	18 11	18 14	18 17	18 21	18 23	18 26	18 31	18 38
	26	18 8	18 11	18 15	18 18	18 22	18 25	18 29	18 34	18 42
	27	18 7	18 11	18 15	18 19	18 24	18 27	18 31	18 37	18 46
	28	18 6	18 11	18 16	18 20	18 25	18 29	18 34	18 40	18 50
	29	18 6	18 11	18 17	18 21	18 27	18 31	18 36	18 43	18 54
	30	18 5	18 11	18 17	18 22	18 28	18 33	18 39	18 46	18 58
	31	18 5	18 11	18 18	18 23	18 30	18 35	18 41	18 50	19 2
April	1	18 4	18 11	18 19	18 24	18 32	18 37	18 43	18 53	19 6
	2	18 4	18 11	18 19	18 25	18 33	18 39	18 46	18 56	19 11
	3	18 3	18 11	18 20	18 26	18 35	18 41	18 48	18 59	19 15
	4	18 2	18 10	18 20	18 27	18 36	18 43	18 51	19 2	19 19
	5	18 2	18 10	18 21	18 28	18 38	18 45	18 53	19 5	19 23
	6	18 1	18 10	18 21	18 29	18 39	18 46	18 56	19 8	19 27
	7	18 1	18 10	18 22	18 30	18 41	18 48	18 58	19 11	19 32
	8	18 0	18 10	18 23	18 31	18 43	18 50	19 1	19 15	19 36
	9	18 0	18 10	18 23	18 32	18 44	18 52	19 3	19 18	19 40
	10	17 59	18 10	18 24	18 33	18 46	18 54	19 5	19 21	19 44
	11	17 59	18 10	18 24	18 34	18 47	18 56	19 8	19 24	19 49
	12	17 58	18 10	18 25	18 35	18 49	18 58	19 10	19 27	19 53
	13	17 57	18 11	18 26	18 36	18 50	19 0	19 13	19 31	19 58
	14	17 57	18 11	18 26	18 37	18 52	19 2	19 15	19 34	20 2
	15	17 56	18 11	18 27	18 38	18 54	19 4	19 18	19 37	20 6
	16	17 56	18 11	18 28	18 39	18 55	19 6	19 20	19 40	20 11
	17	17 55	18 11	18 28	18 40	18 57	19 8	19 23	19 43	20 16
	18	17 55	18 11	18 29	18 41	18 58	19 10	19 25	19 47	20 20
	19	17 55	18 11	18 29	18 42	19 0	19 12	19 28	19 50	20 25
	20	17 54	18 11	18 30	18 43	19 1	19 14	19 30	19 53	20 30
	21	17 54	18 11	18 31	18 44	19 3	19 16	19 33	19 57	20 35
	22	17 53	18 11	18 31	18 45	19 4	19 18	19 35	20 0	20 39
	23	17 53	18 11	18 32	18 46	19 6	19 20	19 38	20 3	20 44
	24	17 52	18 11	18 33	18 47	19 8	19 22	19 40	20 6	20 49
	25	17 52	18 11	18 33	18 48	19 9	19 23	19 43	20 10	20 54
	26	17 51	18 11	18 34	18 49	19 11	19 25	19 45	20 13	21 0
	27	17 51	18 11	18 35	18 50	19 12	19 27	19 48	20 17	21 5
	28	17 51	18 11	18 35	18 52	19 14	19 29	19 50	20 20	21 10
	29	17 50	18 11	18 36	18 53	19 15	19 31	19 53	20 23	21 16
	30	17 50	18 11	18 36	18 54	19 17	19 33	19 55	20 27	21 21
Mai	1	17 50	18 12	18 37	18 55	19 18	19 35	19 57	20 30	21 27
	2	17 49	18 12	18 38	18 56	19 20	19 37	20 0	20 34	21 33

Sonnenaufgang 1944

Mittlere Ortszeit — Meridian von Greenwich

Tag		Geographische Breite								
		−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1944		h m	h m	h m	h m	h m	h m	h m	h m	h m
Mai	2	6 5	5 42	5 17	4 59	4 35	4 18	3 56	3 23	2 26
	3	6 5	5 42	5 16	4 58	4 33	4 16	3 53	3 19	2 20
	4	6 5	5 42	5 15	4 57	4 31	4 14	3 50	3 16	2 14
	5	6 5	5 41	5 14	4 56	4 30	4 12	3 48	3 12	2 8
	6	6 5	5 41	5 13	4 54	4 28	4 10	3 45	3 8	2 1
	7	6 5	5 41	5 13	4 53	4 26	4 8	3 43	3 5	1 54
	8	6 5	5 41	5 12	4 52	4 25	4 6	3 40	3 1	1 47
	9	6 5	5 40	5 11	4 51	4 23	4 4	3 37	2 57	1 40
	10	6 6	5 40	5 10	4 50	4 22	4 2	3 35	2 54	1 33
	11	6 6	5 40	5 10	4 49	4 20	4 0	3 32	2 50	1 25
	12	6 6	5 40	5 9	4 48	4 19	3 58	3 30	2 47	1 16
	13	6 6	5 39	5 8	4 47	4 17	3 56	3 28	2 43	1 6
	14	6 6	5 39	5 8	4 46	4 16	3 54	3 25	2 40	0 56
	15	6 6	5 39	5 7	4 45	4 14	3 53	3 23	2 36	0 44
	16	6 7	5 39	5 6	4 44	4 13	3 51	3 20	2 32	0 25
	17	6 7	5 39	5 6	4 43	4 12	3 49	3 18	2 29	
	18	6 7	5 38	5 5	4 42	4 10	3 48	3 16	2 25	
	19	6 7	5 38	5 4	4 41	4 9	3 46	3 14	2 22	
	20	6 8	5 38	5 4	4 41	4 8	3 44	3 12	2 18	
	21	6 8	5 38	5 3	4 40	4 7	3 43	3 9	2 15	
	22	6 8	5 38	5 3	4 39	4 5	3 41	3 7	2 12	
	23	6 8	5 38	5 2	4 38	4 4	3 40	3 5	2 8	
	24	6 9	5 38	5 2	4 38	4 3	3 38	3 3	2 5	
	25	6 9	5 38	5 2	4 37	4 2	3 37	3 1	2 1	
	26	6 9	5 38	5 1	4 36	4 1	3 36	2 59	1 58	
	27	6 9	5 38	5 1	4 36	4 0	3 34	2 58	1 55	
	28	6 9	5 38	5 1	4 35	3 59	3 33	2 56	1 51	
	29	6 10	5 38	5 0	4 35	3 58	3 32	2 54	1 48	
	30	6 10	5 38	5 0	4 34	3 58	3 31	2 53	1 45	
	31	6 10	5 38	5 0	4 34	3 57	3 30	2 51	1 42	
Juni	1	6 11	5 38	5 0	4 33	3 56	3 29	2 49	1 39	
	2	6 11	5 38	4 59	4 33	3 55	3 28	2 48	1 36	
	3	6 11	5 38	4 59	4 33	3 55	3 27	2 47	1 33	
	4	6 11	5 38	4 59	4 32	3 54	3 26	2 45	1 30	
	5	6 12	5 38	4 59	4 32	3 53	3 25	2 44	1 27	
	6	6 12	5 38	4 59	4 32	3 53	3 24	2 43	1 24	
	7	6 12	5 38	4 58	4 31	3 52	3 24	2 42	1 21	
	8	6 12	5 38	4 58	4 31	3 52	3 23	2 41	1 19	
	9	6 13	5 38	4 58	4 31	3 52	3 22	2 40	1 16	
	10	6 13	5 38	4 58	4 31	3 51	3 22	2 39	1 14	
	11	6 13	5 39	4 58	4 31	3 51	3 22	2 38	1 12	
	12	6 13	5 39	4 58	4 31	3 51	3 21	2 38	1 10	

Mittlere Ortszeit — Meridian von Greenwich

Tag		Geographische Breite								
		−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1944		h m	h m	h m	h m	h m	h m	h m	h m	h m
Mai	2	17 49	18 12	18 38	18 56	19 20	19 37	20 0	20 34	21 33
	3	17 49	18 12	18 38	18 57	19 22	19 39	20 2	20 37	21 38
	4	17 49	18 12	18 39	18 58	19 23	19 41	20 5	20 41	21 45
	5	17 48	18 12	18 40	18 59	19 25	19 43	20 7	20 44	21 51
	6	17 48	18 12	18 40	19 0	19 26	19 45	20 10	20 48	21 58
	7	17 48	18 12	18 41	19 0	19 27	19 46	20 12	20 51	22 4
	8	17 48	18 13	18 42	19 1	19 29	19 43	20 15	20 54	22 12
	9	17 47	18 13	18 42	19 2	19 30	19 50	20 17	20 58	22 19
	10	17 47	18 13	18 43	19 3	19 32	19 52	20 19	21 1	22 27
	11	17 47	18 13	18 44	19 4	19 33	19 54	20 22	21 5	22 35
	12	17 47	18 13	18 44	19 5	19 35	19 56	20 24	21 9	22 45
	13	17 46	18 13	18 45	19 6	19 36	19 58	20 27	21 12	22 56
	14	17 46	18 14	18 46	19 7	19 38	19 59	20 29	21 16	23 9
	15	17 46	18 14	18 46	19 8	19 39	20 1	20 31	21 19	23 27
	16	17 46	18 14	18 47	19 9	19 40	20 3	20 34	21 23	
	17	17 46	18 14	18 47	19 10	19 42	20 5	20 36	21 26	
	18	17 46	18 14	18 48	19 11	19 43	20 6	20 38	21 30	
	19	17 45	18 15	18 49	19 12	19 45	20 8	20 41	21 34	
	20	17 45	18 15	18 49	19 13	19 46	20 10	20 43	21 37	
	21	17 45	18 15	18 50	19 14	19 47	20 11	20 45	21 41	
	22	17 45	18 15	18 51	19 15	19 49	20 13	20 47	21 44	
	23	17 45	18 16	18 51	19 16	19 50	20 15	20 50	21 48	
	24	17 45	18 16	18 52	19 16	19 51	20 16	20 52	21 52	
	25	17 45	18 16	18 52	19 17	19 52	20 18	20 54	21 55	
	26	17 45	18 16	18 53	19 18	19 54	20 19	20 56	21 59	
	27	17 45	18 17	18 54	19 19	19 55	20 21	20 58	22 2	
	28	17 45	18 17	18 54	19 20	19 56	20 22	21 0	22 6	
	29	17 45	18 17	18 55	19 20	19 57	20 24	21 2	22 9	
	30	17 45	18 17	18 55	19 21	19 58	20 25	21 4	22 13	
	31	17 45	18 18	18 56	19 22	19 59	20 26	21 5	22 16	
Juni	1	17 45	18 18	18 56	19 23	20 0	20 28	21 7	22 19	
	2	17 45	18 18	18 57	19 23	20 1	20 29	21 9	22 23	
	3	17 45	18 18	18 58	19 24	20 2	20 30	21 11	22 26	
	4	17 45	18 19	18 58	19 25	20 3	20 31	21 12	22 29	
	5	17 45	18 19	18 59	19 25	20 4	20 32	21 14	22 32	
	6	17 45	18 19	18 59	19 26	20 5	20 33	21 15	22 35	
	7	17 45	18 20	19 0	19 26	20 6	20 34	21 17	22 38	
	8	17 46	18 20	19 0	19 27	20 6	20 35	21 18	22 41	
	9	17 46	18 20	19 0	19 28	20 7	20 36	21 19	22 44	
	10	17 46	18 20	19 1	19 28	20 8	20 37	21 20	22 47	
	11	17 46	18 21	19 1	19 29	20 9	20 38	21 21	22 49	
	12	17 46	18 21	19 2	19 29	20 9	20 39	21 22	22 52	

Sonnenaufgang 1944

Mittlere Ortszeit — Meridian von Greenwich

Tag		Geographische Breite								
		−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1944		h m	h m	h m	h m	h m	h m	h m	h m	
Juni	12	6 13	5 39	4 58	4 31	3 51	3 21	2 38	1 10	
	13	6 14	5 39	4 58	4 31	3 50	3 21	2 37	1 8	
	14	6 14	5 39	4 58	4 31	3 50	3 21	2 37	1 6	
	15	6 14	5 39	4 58	4 31	3 50	3 20	2 36	1 5	
	16	6 14	5 39	4 58	4 31	3 50	3 20	2 36	1 3	
	17	6 15	5 40	4 58	4 31	3 50	3 20	2 36	1 2	
	18	6 15	5 40	4 59	4 31	3 50	3 20	2 35	1 1	
	19	6 15	5 40	4 59	4 31	3 50	3 20	2 35	1 1	
	20	6 15	5 40	4 59	4 31	3 50	3 20	2 35	1 0	
	21	6 16	5 40	4 59	4 31	3 51	3 20	2 35	1 0	
	22	6 16	5 41	4 59	4 31	3 51	3 21	2 36	1 0	
	23	6 16	5 41	5 0	4 32	3 51	3 21	2 36	1 1	
	24	6 16	5 41	5 0	4 32	3 51	3 21	2 36	1 2	
	25	6 16	5 41	5 0	4 32	3 52	3 22	2 37	1 3	
	26	6 17	5 41	5 0	4 33	3 52	3 22	2 38	1 4	
	27	6 17	5 42	5 1	4 33	3 53	3 23	2 38	1 6	
	28	6 17	5 42	5 1	4 33	3 53	3 23	2 39	1 7	
	29	6 17	5 42	5 1	4 34	3 54	3 24	2 40	1 9	
	30	6 17	5 42	5 2	4 34	3 54	3 24	2 41	1 11	
Juli	1	6 17	5 43	5 2	4 35	3 55	3 25	2 42	1 14	
	2	6 17	5 43	5 3	4 35	3 55	3 26	2 43	1 16	
	3	6 18	5 43	5 3	4 36	3 56	3 27	2 44	1 19	
	4	6 18	5 43	5 3	4 36	3 57	3 28	2 45	1 22	
	5	6 18	5 44	5 4	4 37	3 58	3 29	2 46	1 24	
	6	6 18	5 44	5 4	4 37	3 58	3 30	2 48	1 27	
	7	6 18	5 44	5 5	4 38	3 59	3 31	2 49	1 30	
	8	6 18	5 44	5 5	4 39	4 0	3 32	2 51	1 33	
	9	6 18	5 45	5 6	4 39	4 1	3 33	2 52	1 37	
	10	6 18	5 45	5 6	4 40	4 2	3 34	2 54	1 40	
	11	6 18	5 45	5 7	4 40	4 3	3 35	2 56	1 43	
	12	6 18	5 45	5 7	4 41	4 4	3 37	2 57	1 47	
	13	6 18	5 46	5 8	4 42	4 5	3 38	2 59	1 50	
	14	6 18	5 46	5 8	4 43	4 6	3 39	3 1	1 53	
	15	6 18	5 46	5 9	4 43	4 7	3 41	3 3	1 57	
	16	6 18	5 46	5 9	4 44	4 8	3 42	3 5	2 0	
	17	6 18	5 47	5 10	4 45	4 9	3 43	3 7	2 4	
	18	6 18	5 47	5 10	4 46	4 10	3 45	3 9	2 7	
	19	6 18	5 47	5 11	4 46	4 12	3 46	3 11	2 11	
	20	6 18	5 47	5 11	4 47	4 13	3 48	3 13	2 14	
	21	6 18	5 47	5 12	4 48	4 14	3 50	3 15	2 18	
	22	6 18	5 48	5 13	4 49	4 15	3 51	3 17	2 21	
	23	6 18	5 48	5 13	4 50	4 17	3 53	3 19	2 25	

Sonnenuntergang 1944

Mittlere Ortszeit — Meridian von Greenwich

Tag		Geographische Breite								
		−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1944		h m	h m	h m	h m	h m	h m	h m	h m	
Juni	12	17 46	18 21	19 2	19 29	20 9	20 39	21 22	22 52	
	13	17 46	18 21	19 2	19 30	20 10	20 39	21 23	22 54	
	14	17 46	18 21	19 2	19 30	20 10	20 40	21 24	22 56	
	15	17 47	18 22	19 3	19 30	20 11	20 41	21 25	22 58	
	16	17 47	18 22	19 3	19 31	20 11	20 41	21 26	22 59	
	17	17 47	18 22	19 3	19 31	20 12	20 42	21 26	23 1	
	18	17 47	18 22	19 4	19 31	20 12	20 42	21 27	23 2	
	19	17 47	18 23	19 4	19 32	20 12	20 42	21 27	23 2	
	20	17 48	18 23	19 4	19 32	20 13	20 43	21 28	23 3	
	21	17 48	18 23	19 4	19 32	20 13	20 43	21 28	23 3	
	22	17 48	18 23	19 5	19 32	20 13	20 43	21 28	23 3	
	23	17 48	18 23	19 5	19 32	20 13	20 43	21 28	23 3	
	24	17 48	18 24	19 5	19 33	20 13	20 43	21 28	23 2	
	25	17 49	18 24	19 5	19 33	20 13	20 43	21 28	23 1	
	26	17 49	18 24	19 5	19 33	20 13	20 43	21 28	23 0	
	27	17 49	18 24	19 5	19 33	20 13	20 43	21 27	22 59	
	28	17 49	18 24	19 5	19 33	20 13	20 43	21 27	22 57	
	29	17 50	18 24	19 5	19 33	20 13	20 43	21 26	22 56	
	30	17 50	18 24	19 5	19 33	20 13	20 42	21 26	22 54	
Juli	1	17 50	18 25	19 5	19 33	20 12	20 42	21 25	22 52	
	2	17 50	18 25	19 5	19 32	20 12	20 41	21 24	22 49	
	3	17 51	18 25	19 5	19 32	20 12	20 41	21 23	22 47	
	4	17 51	18 25	19 5	19 32	20 11	20 40	21 23	22 45	
	5	17 51	18 25	19 5	19 32	20 11	20 40	21 22	22 42	
	6	17 51	18 25	19 5	19 32	20 10	20 39	21 20	22 39	
	7	17 52	18 25	19 5	19 31	20 10	20 38	21 19	22 36	
	8	17 52	18 25	19 4	19 31	20 9	20 37	21 18	22 34	
	9	17 52	18 25	19 4	19 31	20 9	20 36	21 17	22 31	
	10	17 52	18 25	19 4	19 30	20 8	20 36	21 15	22 28	
	11	17 53	18 25	19 4	19 30	20 7	20 35	21 14	22 25	
	12	17 53	18 25	19 4	19 29	20 6	20 34	21 12	22 22	
	13	17 53	18 25	19 3	19 29	20 6	20 32	21 11	22 18	
	14	17 53	18 25	19 3	19 28	20 5	20 31	21 9	22 15	
	15	17 53	18 25	19 3	19 28	20 4	20 30	21 7	22 12	
	16	17 54	18 25	19 2	19 27	20 3	20 29	21 6	22 9	
	17	17 54	18 25	19 2	19 27	20 2	20 28	21 4	22 5	
	18	17 54	18 25	19 1	19 26	20 1	20 26	21 2	22 2	
	19	17 54	18 25	19 1	19 25	20 0	20 25	21 0	21 59	
	20	17 55	18 25	19 1	19 25	19 59	20 24	20 58	21 55	
	21	17 55	18 25	19 0	19 24	19 58	20 22	20 56	21 52	
	22	17 55	18 25	19 0	19 23	19 57	20 21	20 54	21 48	
	23	17 55	18 25	18 59	19 22	19 55	20 19	20 52	21 45	

Sonnenaufgang 1944

Mittlere Ortszeit — Meridian von Greenwich

Tag		Geographische Breite								
		−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1944		h m	h m	h m	h m	h m	h m	h m	h m	h m
Juli	23	6 18	5 48	5 13	4 50	4 17	3 53	3 19	2 25	
	24	6 18	5 48	5 14	4 51	4 18	3 54	3 22	2 28	
	25	6 17	5 48	5 14	4 52	4 19	3 56	3 24	2 32	
	26	6 17	5 48	5 15	4 53	4 21	3 58	3 26	2 35	
	27	6 17	5 49	5 16	4 53	4 22	4 0	3 28	2 39	
	28	6 17	5 49	5 16	4 54	4 23	4 1	3 31	2 42	
	29	6 17	5 49	5 17	4 55	4 25	4 3	3 33	2 46	0 50
	30	6 16	5 49	5 17	4 56	4 26	4 5	3 35	2 49	1 3
	31	6 16	5 49	5 18	4 57	4 27	4 6	3 38	2 53	1 14
Aug.	1	6 16	5 49	5 19	4 58	4 29	4 8	3 40	2 57	1 24
	2	6 16	5 50	5 19	4 59	4 30	4 10	3 42	3 0	1 33
	3	6 15	5 50	5 20	5 0	4 32	4 12	3 45	3 4	1 41
	4	6 15	5 50	5 21	5 1	4 33	4 14	3 47	3 7	1 49
	5	6 15	5 50	5 21	5 2	4 35	4 15	3 49	3 10	1 56
	6	6 14	5 50	5 22	5 3	4 36	4 17	3 52	3 14	2 3
	7	6 14	5 50	5 22	5 4	4 37	4 19	3 54	3 17	2 9
	8	6 14	5 50	5 23	5 4	4 39	4 21	3 57	3 21	2 16
	9	6 13	5 50	5 24	5 5	4 40	4 23	3 59	3 24	2 22
	10	6 13	5 50	5 24	5 6	4 42	4 25	4 1	3 27	2 28
	11	6 13	5 51	5 25	5 7	4 43	4 26	4 4	3 31	2 33
	12	6 12	5 51	5 25	5 8	4 45	4 28	4 6	3 34	2 39
	13	6 12	5 51	5 26	5 9	4 46	4 30	4 9	3 37	2 44
	14	6 11	5 51	5 27	5 10	4 48	4 32	4 11	3 41	2 50
	15	6 11	5 51	5 27	5 11	4 49	4 34	4 13	3 44	2 55
	16	6 11	5 51	5 28	5 12	4 51	4 36	4 16	3 47	3 0
	17	6 10	5 51	5 28	5 13	4 52	4 38	4 18	3 51	3 5
	18	6 10	5 51	5 29	5 14	4 54	4 40	4 21	3 54	3 10
	19	6 9	5 51	5 30	5 15	4 55	4 41	4 23	3 57	3 15
	20	6 9	5 51	5 30	5 16	4 57	4 43	4 26	4 0	3 20
	21	6 8	5 51	5 31	5 17	4 58	4 45	4 28	4 4	3 25
	22	6 8	5 51	5 31	5 18	5 0	4 47	4 30	4 7	3 30
	23	6 7	5 51	5 32	5 19	5 1	4 49	4 33	4 10	3 34
	24	6 7	5 51	5 33	5 20	5 3	4 51	4 35	4 13	3 39
	25	6 6	5 51	5 33	5 21	5 4	4 53	4 38	4 16	3 43
	26	6 6	5 51	5 34	5 22	5 6	4 55	4 40	4 20	3 48
	27	6 5	5 51	5 34	5 23	5 7	4 56	4 42	4 23	3 52
	28	6 5	5 51	5 35	5 24	5 9	4 58	4 45	4 26	3 57
	29	6 4	5 51	5 35	5 25	5 10	5 0	4 47	4 29	4 1
	30	6 4	5 51	5 36	5 26	5 12	5 2	4 49	4 32	4 6
	31	6 3	5 51	5 36	5 26	5 13	5 4	4 52	4 35	4 10
Sept.	1	6 2	5 51	5 37	5 27	5 15	5 6	4 54	4 38	4 14
	2	6 2	5 51	5 37	5 28	5 16	5 8	4 57	4 41	4 18

Mittlere Ortszeit — Meridian von Greenwich

Tag		Geographische Breite								
		−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1944		h m	h m	h m	h m	h m	h m	h m	h m	h m
Juli	23	17 55	18 25	18 59	19 22	19 55	20 19	20 52	21 45	
	24	17 55	18 25	18 59	19 22	19 54	20 17	20 50	21 42	
	25	17 56	18 24	18 58	19 21	19 53	20 16	20 47	21 38	
	26	17 56	18 24	18 57	19 20	19 51	20 14	20 45	21 35	
	27	17 56	18 24	18 57	19 19	19 50	20 12	20 43	21 31	
	28	17 56	18 24	18 56	19 18	19 49	20 10	20 41	21 27	23 24
	29	17 56	18 24	18 55	19 17	19 47	20 9	20 38	21 24	23 10
	30	17 56	18 23	18 55	19 16	19 46	20 7	20 36	21 20	22 59
	31	17 57	18 23	18 54	19 15	19 44	20 5	20 33	21 17	22 49
Aug.	1	17 57	18 23	18 53	19 14	19 43	20 3	20 31	21 13	22 40
	2	17 57	18 23	18 53	19 13	19 41	20 1	20 28	21 10	22 32
	3	17 57	18 22	18 52	19 12	19 40	19 59	20 26	21 6	22 25
	4	17 57	18 22	18 51	19 11	19 38	19 57	20 23	21 2	22 17
	5	17 57	18 22	18 50	19 10	19 36	19 55	20 21	20 59	22 10
	6	17 57	18 21	18 49	19 8	19 35	19 53	20 18	20 55	22 3
	7	17 57	18 21	18 48	19 7	19 33	19 51	20 16	20 51	21 57
	8	17 57	18 21	18 48	19 6	19 31	19 49	20 13	20 48	21 50
	9	17 57	18 20	18 47	19 5	19 30	19 47	20 10	20 44	21 44
	10	17 58	18 20	18 46	19 4	19 28	19 45	20 7	20 41	21 38
	11	17 58	18 20	18 45	19 2	19 26	19 43	20 5	20 37	21 32
	12	17 58	18 19	18 44	19 1	19 24	19 40	20 2	20 33	21 26
	13	17 58	18 19	18 43	19 0	19 22	19 38	19 59	20 30	21 21
	14	17 58	18 18	18 42	18 58	19 21	19 36	19 56	20 26	21 15
	15	17 58	18 18	18 41	18 57	19 19	19 34	19 54	20 22	21 10
	16	17 58	18 17	18 40	18 56	19 17	19 31	19 51	20 19	21 4
	17	17 58	18 17	18 39	18 54	19 15	19 29	19 48	20 15	20 59
	18	17 58	18 17	18 38	18 53	19 13	19 27	19 45	20 11	20 54
	19	17 58	18 16	18 37	18 51	19 11	19 25	19 42	20 8	20 48
	20	17 58	18 16	18 36	18 50	19 9	19 22	19 39	20 4	20 43
	21	17 58	18 15	18 35	18 49	19 7	19 20	19 37	20 0	20 38
	22	17 58	18 15	18 34	18 47	19 5	19 17	19 34	19 57	20 33
	23	17 58	18 14	18 33	18 46	19 3	19 15	19 31	19 53	20 28
	24	17 58	18 14	18 32	18 44	19 1	19 13	19 28	19 49	20 22
	25	17 58	18 13	18 31	18 43	18 59	19 10	19 25	19 46	20 17
	26	17 58	18 13	18 30	18 41	18 57	19 8	19 22	19 42	20 12
	27	17 58	18 12	18 29	18 40	18 55	19 5	19 19	19 38	20 7
	28	17 58	18 11	18 27	18 38	18 53	19 3	19 16	19 34	20 2
	29	17 58	18 11	18 26	18 37	18 51	19 0	19 13	19 31	19 58
	30	17 58	18 10	18 25	18 35	18 49	18 58	19 10	19 27	19 53
	31	17 58	18 10	18 24	18 34	18 47	18 55	19 7	19 23	19 48
Sept.	1	17 58	18 9	18 22	18 32	18 44	18 53	19 4	19 20	19 43
	2	17 58	18 8	18 21	18 30	18 42	18 50	19 1	19 16	19 38

Sonnenaufgang 1944

Mittlere Ortszeit — Meridian von Greenwich

Tag		Geographische Breite								
		−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1944		h m	h m	h m	h m	h m	h m	h m	h m	h m
Sept.	2	6 2	5 51	5 37	5 28	5 16	5 8	4 57	4 41	4 18
	3	6 1	5 51	5 38	5 29	5 18	5 10	4 59	4 45	4 23
	4	6 1	5 51	5 39	5 30	5 19	5 11	5 1	4 48	4 27
	5	6 0	5 51	5 39	5 31	5 21	5 13	5 4	4 51	4 31
	6	5 59	5 50	5 40	5 32	5 22	5 15	5 6	4 54	4 35
	7	5 59	5 50	5 40	5 33	5 24	5 17	5 8	4 57	4 39
	8	5 58	5 50	5 41	5 34	5 25	5 19	5 11	5 0	4 43
	9	5 58	5 50	5 41	5 35	5 27	5 21	5 13	5 3	4 47
	10	5 57	5 50	5 42	5 36	5 28	5 23	5 15	5 6	4 51
	11	5 56	5 50	5 42	5 37	5 29	5 24	5 18	5 9	4 55
	12	5 56	5 50	5 43	5 38	5 31	5 26	5 20	5 12	4 59
	13	5 55	5 50	5 43	5 39	5 32	5 28	5 23	5 15	5 3
	14	5 55	5 50	5 44	5 40	5 34	5 30	5 25	5 18	5 7
	15	5 54	5 50	5 44	5 41	5 35	5 32	5 27	5 21	5 11
	16	5 53	5 50	5 45	5 42	5 37	5 34	5 30	5 24	5 15
	17	5 53	5 50	5 46	5 43	5 38	5 36	5 32	5 27	5 19
	18	5 52	5 50	5 46	5 44	5 40	5 38	5 34	5 30	5 23
	19	5 51	5 49	5 47	5 44	5 41	5 39	5 37	5 33	5 27
	20	5 51	5 49	5 47	5 45	5 43	5 41	5 39	5 36	5 31
	21	5 50	5 49	5 48	5 46	5 44	5 43	5 41	5 39	5 35
	22	5 50	5 49	5 48	5 47	5 46	5 45	5 44	5 42	5 39
	23	5 49	5 49	5 49	5 48	5 47	5 47	5 46	5 45	5 43
	24	5 48	5 49	5 49	5 49	5 49	5 49	5 48	5 48	5 47
	25	5 48	5 49	5 50	5 50	5 51	5 51	5 51	5 51	5 51
	26	5 47	5 49	5 50	5 51	5 52	5 52	5 53	5 54	5 55
	27	5 46	5 49	5 51	5 52	5 54	5 54	5 55	5 57	5 59
	28	5 46	5 49	5 52	5 53	5 55	5 56	5 58	6 0	6 3
	29	5 45	5 49	5 52	5 54	5 57	5 58	6 0	6 3	6 7
	30	5 45	5 49	5 53	5 55	5 58	6 0	6 3	6 6	6 11
Okt.	1	5 44	5 49	5 53	5 56	6 0	6 2	6 5	6 9	6 15
	2	5 43	5 49	5 54	5 57	6 1	6 4	6 7	6 12	6 19
	3	5 43	5 49	5 55	5 58	6 3	6 6	6 10	6 15	6 23
	4	5 42	5 49	5 55	5 59	6 4	6 8	6 12	6 18	6 27
	5	5 42	5 48	5 56	6 0	6 6	6 10	6 15	6 21	6 31
	6	5 41	5 48	5 56	6 1	6 7	6 12	6 17	6 24	6 35
	7	5 41	5 48	5 57	6 2	6 9	6 14	6 19	6 27	6 39
	8	5 40	5 48	5 57	6 3	6 10	6 15	6 22	6 30	6 43
	9	5 40	5 48	5 58	6 4	6 12	6 17	6 24	6 33	6 47
	10	5 39	5 48	5 59	6 5	6 14	6 19	6 27	6 37	6 51
	11	5 38	5 48	5 59	6 6	6 15	6 21	6 29	6 40	6 55
	12	5 38	5 48	6 0	6 7	6 17	6 23	6 32	6 43	6 59
	13	5 37	5 48	6 0	6 8	6 18	6 25	6 34	6 46	7 4

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite								
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1944	h m	h m	h m	h m	h m	h m	h m	h m	h m
Sept. 2	17 58	18 8	18 21	18 30	18 42	18 50	19 1	19 16	19 38
3	17 58	18 8	18 20	18 29	18 40	18 48	18 58	19 12	19 33
4	17 58	18 7	18 19	18 27	18 38	18 45	18 55	19 8	19 28
5	17 58	18 7	18 18	18 25	18 36	18 43	18 52	19 5	19 24
6	17 57	18 6	18 16	18 24	18 34	18 40	18 49	19 1	19 19
7	17 57	18 5	18 15	18 22	18 32	18 38	18 46	18 57	19 14
8	17 57	18 5	18 14	18 21	18 29	18 35	18 43	18 54	19 9
9	17 57	18 4	18 13	18 19	18 27	18 33	18 40	18 50	19 5
10	17 57	18 4	18 11	18 17	18 25	18 30	18 37	18 46	19 0
11	17 57	18 3	18 10	18 16	18 23	18 28	18 34	18 43	18 55
12	17 57	18 2	18 9	18 14	18 21	18 25	18 31	18 39	18 51
13	17 57	18 2	18 8	18 12	18 18	18 23	18 28	18 35	18 46
14	17 57	18 1	18 6	18 11	18 16	18 20	18 25	18 31	18 41
15	17 57	18 0	18 5	18 9	18 14	18 17	18 22	18 28	18 37
16	17 57	18 0	18 4	18 7	18 12	18 15	18 19	18 24	18 32
17	17 57	17 59	18 3	18 6	18 10	18 12	18 16	18 20	18 27
18	17 57	17 59	18 2	18 4	18 7	18 10	18 13	18 17	18 23
19	17 56	17 58	18 0	18 3	18 5	18 7	18 10	18 13	18 18
20	17 56	17 57	17 59	18 1	18 3	18 5	18 7	18 9	18 13
21	17 56	17 57	17 58	17 59	18 1	18 2	18 4	18 6	18 9
22	17 56	17 56	17 57	17 58	17 59	17 59	18 1	18 2	18 4
23	17 56	17 56	17 55	17 56	17 56	17 57	17 58	17 58	18 0
24	17 56	17 55	17 54	17 54	17 54	17 54	17 55	17 55	17 55
25	17 56	17 54	17 53	17 53	17 52	17 52	17 51	17 51	17 50
26	17 56	17 54	17 52	17 51	17 50	17 49	17 48	17 47	17 46
27	17 56	17 53	17 51	17 49	17 48	17 47	17 45	17 44	17 41
28	17 56	17 52	17 49	17 48	17 45	17 44	17 42	17 40	17 37
29	17 56	17 52	17 48	17 46	17 43	17 41	17 39	17 36	17 32
30	17 56	17 51	17 47	17 44	17 41	17 39	17 36	17 33	17 27
Okt. 1	17 56	17 51	17 46	17 43	17 39	17 36	17 33	17 29	17 23
2	17 56	17 50	17 44	17 41	17 37	17 34	17 30	17 25	17 18
3	17 55	17 50	17 43	17 40	17 35	17 31	17 27	17 22	17 14
4	17 55	17 49	17 42	17 38	17 32	17 29	17 24	17 18	17 9
5	17 55	17 48	17 41	17 36	17 30	17 26	17 21	17 14	17 4
6	17 55	17 48	17 40	17 35	17 28	17 24	17 18	17 11	17 0
7	17 55	17 47	17 39	17 33	17 26	17 21	17 15	17 7	16 55
8	17 55	17 47	17 38	17 32	17 24	17 19	17 12	17 3	16 50
9	17 55	17 46	17 36	17 30	17 22	17 16	17 9	17 0	16 46
10	17 55	17 46	17 35	17 28	17 20	17 14	17 6	16 56	16 41
11	17 55	17 45	17 34	17 27	17 18	17 11	17 3	16 52	16 36
12	17 55	17 45	17 33	17 25	17 15	17 9	17 0	16 49	16 32
13	17 55	17 44	17 32	17 24	17 13	17 7	16 57	16 45	16 27

Sonnenaufgang 1944

Mittlere Ortszeit — Meridian von Greenwich

Tag		Geographische Breite								
		−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1944		h m	h m	h m	h m	h m	h m	h m	h m	h m
Okt.	13	5 37	5 48	6 0	6 8	6 18	6 25	6 34	6 46	7 4
	14	5 37	5 48	6 1	6 9	6 20	6 27	6 37	6 49	7 8
	15	5 36	5 49	6 2	6 10	6 22	6 29	6 39	6 52	7 12
	16	5 36	5 49	6 2	6 11	6 23	6 31	6 41	6 55	7 17
	17	5 35	5 49	6 3	6 12	6 25	6 33	6 44	6 59	7 21
	18	5 35	5 49	6 4	6 13	6 26	6 35	6 46	7 2	7 25
	19	5 35	5 49	6 5	6 15	6 28	6 37	6 49	7 5	7 29
	20	5 34	5 49	6 5	6 16	6 30	6 39	6 51	7 8	7 34
	21	5 34	5 49	6 6	6 17	6 31	6 41	6 54	7 12	7 38
	22	5 33	5 49	6 7	6 18	6 33	6 43	6 56	7 15	7 43
	23	5 33	5 49	6 7	6 19	6 35	6 45	6 59	7 18	7 47
	24	5 32	5 49	6 8	6 20	6 36	6 47	7 1	7 21	7 52
	25	5 32	5 49	6 9	6 21	6 38	6 49	7 4	7 25	7 56
	26	5 32	5 50	6 9	6 22	6 40	6 51	7 7	7 28	8 1
	27	5 31	5 50	6 10	6 23	6 41	6 53	7 9	7 31	8 6
	28	5 31	5 50	6 11	6 24	6 43	6 55	7 12	7 35	8 10
	29	5 31	5 50	6 12	6 26	6 44	6 57	7 14	7 38	8 15
	30	5 30	5 50	6 12	6 27	6 46	6 59	7 17	7 41	8 20
	31	5 30	5 50	6 13	6 28	6 48	7 1	7 19	7 45	8 25
Nov.	1	5 30	5 51	6 14	6 29	6 49	7 3	7 22	7 48	8 30
	2	5 30	5 51	6 15	6 30	6 51	7 5	7 24	7 51	8 35
	3	5 29	5 51	6 15	6 31	6 53	7 8	7 27	7 55	8 40
	4	5 29	5 51	6 16	6 32	6 54	7 10	7 29	7 58	8 45
	5	5 29	5 52	6 17	6 34	6 56	7 12	7 32	8 2	8 51
	6	5 29	5 52	6 18	6 35	6 58	7 14	7 35	8 5	8 56
	7	5 29	5 52	6 18	6 36	7 0	7 16	7 37	8 9	9 1
	8	5 28	5 52	6 19	6 37	7 1	7 18	7 40	8 12	9 7
	9	5 28	5 53	6 20	6 38	7 3	7 20	7 42	8 16	9 12
	10	5 28	5 53	6 21	6 39	7 4	7 22	7 45	8 19	9 18
	11	5 28	5 53	6 22	6 41	7 6	7 24	7 48	8 22	9 24
	12	5 28	5 54	6 22	6 42	7 8	7 26	7 50	8 26	9 30
	13	5 28	5 54	6 23	6 43	7 9	7 28	7 53	8 29	9 36
	14	5 28	5 54	6 24	6 44	7 11	7 30	7 55	8 33	9 42
	15	5 28	5 55	6 25	6 45	7 13	7 32	7 58	8 36	9 49
	16	5 28	5 55	6 26	6 46	7 14	7 34	8 0	8 40	9 56
	17	5 28	5 55	6 26	6 47	7 16	7 36	8 3	8 43	10 3
	18	5 28	5 56	6 27	6 49	7 17	7 38	8 5	8 47	10 10
	19	5 28	5 56	6 28	6 50	7 19	7 40	8 8	8 50	10 18
	20	5 28	5 57	6 29	6 51	7 21	7 42	8 10	8 54	10 26
	21	5 28	5 57	6 30	6 52	7 22	7 43	8 13	8 57	10 35
	22	5 28	5 57	6 31	6 53	7 24	7 45	8 15	9 1	10 44
	23	5 28	5 58	6 32	6 54	7 25	7 47	8 17	9 4	10 55

Mittlere Ortszeit | Meridian von Greenwich

Tag	Geographische Breite								
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1944	h m	h m	h m	h m	h m	h m	h m	h m	h m
Okt. 13	17 55	17 44	17 32	17 24	17 13	17 7	16 57	16 45	16 27
14	17 55	17 44	17 31	17 22	17 11	17 4	16 55	16 42	16 22
15	17 55	17 43	17 30	17 21	17 9	17 2	16 52	16 38	16 18
16	17 55	17 43	17 29	17 19	17 7	16 59	16 49	16 35	16 13
17	17 56	17 42	17 27	17 18	17 5	16 57	16 46	16 31	16 8
18	17 56	17 42	17 26	17 17	17 3	16 54	16 43	16 27	16 4
19	17 56	17 41	17 25	17 15	17 1	16 52	16 40	16 24	15 59
20	17 56	17 41	17 24	17 14	16 59	16 50	16 37	16 20	15 54
21	17 56	17 40	17 23	17 12	16 57	16 47	16 34	16 17	15 49
22	17 56	17 40	17 22	17 11	16 55	16 45	16 32	16 13	15 45
23	17 56	17 40	17 21	17 9	16 54	16 43	16 29	16 10	15 40
24	17 56	17 39	17 20	17 8	16 52	16 41	16 26	16 6	15 35
25	17 56	17 39	17 19	17 7	16 50	16 38	16 23	16 3	15 30
26	17 57	17 38	17 18	17 5	16 48	16 36	16 21	15 59	15 26
27	17 57	17 38	17 17	17 4	16 46	16 34	16 18	15 56	15 21
28	17 57	17 38	17 16	17 3	16 44	16 32	16 15	15 52	15 16
29	17 57	17 37	17 15	17 1	16 42	16 29	16 12	15 49	15 11
30	17 57	17 37	17 15	17 0	16 41	16 27	16 10	15 45	15 6
31	17 58	17 37	17 14	16 59	16 39	16 25	16 7	15 42	15 1
Nov. 1	17 58	17 37	17 13	16 58	16 37	16 23	16 5	15 38	14 56
2	17 58	17 36	17 12	16 57	16 35	16 21	16 2	15 35	14 51
3	17 58	17 36	17 12	16 56	16 34	16 19	15 59	15 31	14 46
4	17 58	17 36	17 11	16 55	16 32	16 17	15 57	15 28	14 41
5	17 59	17 36	17 10	16 53	16 31	16 15	15 54	15 25	14 36
6	17 59	17 36	17 10	16 52	16 29	16 13	15 52	15 21	14 30
7	17 59	17 35	17 9	16 51	16 28	16 11	15 49	15 18	14 25
8	18 0	17 35	17 8	16 50	16 26	16 9	15 47	15 15	14 20
9	18 0	17 35	17 8	16 49	16 25	16 8	15 45	15 11	14 14
10	18 0	17 35	17 7	16 48	16 23	16 6	15 42	15 8	14 9
11	18 0	17 35	17 6	16 47	16 22	16 4	15 40	15 5	14 3
12	18 1	17 35	17 6	16 46	16 20	16 2	15 38	15 2	13 57
13	18 1	17 35	17 5	16 46	16 19	16 0	15 35	14 58	13 52
14	18 1	17 35	17 5	16 45	16 17	15 59	15 33	14 55	13 46
15	18 2	17 35	17 4	16 44	16 16	15 57	15 31	14 52	13 40
16	18 2	17 35	17 4	16 43	16 15	15 55	15 29	14 49	13 33
17	18 3	17 35	17 3	16 42	16 14	15 54	15 27	14 46	13 27
18	18 3	17 35	17 3	16 42	16 12	15 52	15 25	14 43	13 20
19	18 3	17 35	17 2	16 41	16 11	15 51	15 23	14 40	13 12
20	18 4	17 35	17 2	16 40	16 10	15 49	15 21	14 37	13 5
21	18 4	17 35	17 2	16 40	16 9	15 48	15 19	14 34	12 56
22	18 5	17 35	17 1	16 39	16 8	15 47	15 17	14 31	12 47
23	18 5	17 35	17 1	16 39	16 7	15 45	15 15	14 28	12 37

Sonnenaufgang 1944

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite								
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1944	h m	h m	h m	h m	h m	h m	h m	h m	h m
Nov. 23	5 28	5 58	6 32	6 54	7 25	7 47	8 17	9 4	10 55
24	5 28	5 58	6 32	6 55	7 27	7 49	8 20	9 7	11 9
25	5 28	5 59	6 33	6 56	7 28	7 51	8 22	9 11	11 30
26	5 28	5 59	6 34	6 57	7 30	7 53	8 24	9 14	
27	5 29	6 0	6 35	6 59	7 31	7 54	8 26	9 17	
28	5 29	6 0	6 36	7 0	7 33	7 56	8 29	9 21	
29	5 29	6 1	6 37	7 1	7 34	7 58	8 31	9 24	
30	5 29	6 1	6 37	7 2	7 35	7 59	8 33	9 27	
Dez. 1	5 29	6 2	6 38	7 3	7 37	8 1	8 35	9 30	
2	5 30	6 2	6 39	7 4	7 38	8 3	8 37	9 33	
3	5 30	6 3	6 40	7 5	7 39	8 4	8 39	9 36	
4	5 30	6 3	6 40	7 6	7 41	8 6	8 41	9 39	
5	5 31	6 4	6 41	7 7	7 42	8 7	8 43	9 42	
6	5 31	6 4	6 42	7 8	7 43	8 8	8 44	9 45	
7	5 31	6 5	6 43	7 9	7 44	8 10	8 46	9 47	
8	5 32	6 5	6 43	7 9	7 45	8 11	8 48	9 50	
9	5 32	6 6	6 44	7 10	7 46	8 12	8 49	9 52	
10	5 32	6 6	6 45	7 11	7 47	8 13	8 51	9 55	
11	5 33	6 7	6 46	7 12	7 48	8 15	8 52	9 57	
12	5 33	6 7	6 46	7 13	7 49	8 16	8 54	9 59	
13	5 33	6 8	6 47	7 13	7 50	8 17	8 55	10 1	
14	5 34	6 8	6 48	7 14	7 51	8 18	8 56	10 3	
15	5 34	6 9	6 48	7 15	7 52	8 19	8 57	10 4	
16	5 35	6 9	6 49	7 15	7 53	8 20	8 58	10 6	
17	5 35	6 10	6 50	7 16	7 54	8 21	8 59	10 7	
18	5 36	6 10	6 50	7 17	7 54	8 21	9 0	10 8	
19	5 36	6 11	6 51	7 17	7 55	8 22	9 1	10 9	
20	5 37	6 12	6 51	7 18	7 55	8 23	9 2	10 10	
21	5 37	6 12	6 52	7 18	7 56	8 23	9 2	10 11	
22	5 38	6 13	6 52	7 19	7 57	8 24	9 3	10 12	
23	5 38	6 13	6 53	7 19	7 57	8 24	9 3	10 12	
24	5 39	6 13	6 53	7 20	7 57	8 25	9 4	10 12	
25	5 39	6 14	6 54	7 20	7 58	8 25	9 4	10 12	
26	5 40	6 14	6 54	7 21	7 58	8 25	9 4	10 12	
27	5 40	6 15	6 54	7 21	7 58	8 25	9 4	10 11	
28	5 41	6 15	6 55	7 21	7 59	8 25	9 4	10 11	
29	5 41	6 16	6 55	7 22	7 59	8 25	9 4	10 10	
30	5 42	6 16	6 55	7 22	7 59	8 25	9 3	10 9	
31	5 42	6 17	6 56	7 22	7 59	8 25	9 3	10 8	
32	5 43	6 17	6 56	7 22	7 59	8 25	9 3	10 7	

Sonnenuntergang 1944

Mittlere Ortszeit — Meridian von Greenwich

Tag		Geographische Breite								
		−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1944		h m	h m	h m	h m	h m	h m	h m	h m	h m
Nov.	23	18 5	17 35	17 1	16 39	16 7	15 45	15 15	14 28	12 37
	24	18 6	17 35	17 1	16 38	16 6	15 44	15 13	14 26	12 24
	25	18 6	17 35	17 1	16 38	16 6	15 43	15 12	14 23	12 3
	26	18 7	17 36	17 0	16 37	16 5	15 42	15 10	14 20	
	27	18 7	17 36	17 0	16 37	16 4	15 41	15 9	14 18	
	28	18 8	17 36	17 0	16 36	16 3	15 40	15 7	14 15	
	29	18 8	17 36	17 0	16 36	16 3	15 39	15 6	14 12	
	30	18 9	17 36	17 0	16 36	16 2	15 38	15 4	14 10	
Dez.	1	18 9	17 37	17 0	16 35	16 1	15 37	15 3	14 8	
	2	18 10	17 37	17 0	16 35	16 1	15 36	15 2	14 5	
	3	18 10	17 37	17 0	16 35	16 0	15 35	15 1	14 3	
	4	18 10	17 38	17 0	16 35	16 0	15 35	14 59	14 1	
	5	18 11	17 38	17 0	16 35	15 59	15 34	14 58	13 59	
	6	18 11	17 38	17 0	16 35	15 59	15 34	14 57	13 57	
	7	18 12	17 39	17 0	16 35	15 59	15 33	14 57	13 56	
	8	18 12	17 39	17 1	16 35	15 59	15 33	14 56	13 54	
	9	18 13	17 39	17 1	16 35	15 58	15 32	14 55	13 52	
	10	18 14	17 40	17 1	16 35	15 58	15 32	14 55	13 51	
	11	18 14	17 40	17 1	16 35	15 58	15 32	14 54	13 50	
	12	18 15	17 40	17 1	16 35	15 58	15 32	14 54	13 49	
	13	18 15	17 41	17 2	16 35	15 58	15 32	14 53	13 48	
	14	18 16	17 41	17 2	16 35	15 58	15 32	14 53	13 47	
	15	18 16	17 42	17 2	16 36	15 58	15 32	14 53	13 46	
	16	18 17	17 42	17 3	16 36	15 59	15 32	14 53	13 46	
	17	18 17	17 43	17 3	16 36	15 59	15 32	14 53	13 45	
	18	18 18	17 43	17 3	16 37	15 59	15 32	14 53	13 45	
	19	18 18	17 43	17 4	16 37	15 59	15 32	14 53	13 45	
	20	18 19	17 44	17 4	16 37	16 0	15 33	14 54	13 45	
	21	18 19	17 44	17 5	16 38	16 0	15 33	14 54	13 45	
	22	18 20	17 45	17 5	16 38	16 1	15 34	14 55	13 46	
	23	18 20	17 45	17 6	16 39	16 1	15 34	14 55	13 47	
	24	18 21	17 46	17 6	16 40	16 2	15 35	14 56	13 48	
	25	18 21	17 47	17 7	16 40	16 3	15 36	14 57	13 49	
	26	18 22	17 47	17 8	16 41	16 3	15 36	14 58	13 50	
	27	18 22	17 48	17 8	16 42	16 4	15 37	14 59	13 51	
	28	18 23	17 48	17 9	16 42	16 5	15 38	15 0	13 53	
	29	18 23	17 49	17 9	16 43	16 6	15 39	15 1	13 54	
	30	18 24	17 49	17 10	16 44	16 7	15 40	15 2	13 56	
	31	18 24	17 50	17 11	16 44	16 8	15 41	15 3	13 58	
	32	18 24	17 50	17 11	16 45	16 9	15 42	15 5	14 0	

Mondaufgang 1944

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite									Änderung bei +50° Breite für 10° östl. Länge
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	
1944	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Jan. 0	9 56	10 13	10 32	10 44	11 1	11 13	11 27	11 48	12 19	−0.8
1	10 52	11 2	11 13	11 20	11 30	11 36	11 44	11 56	12 12	−0.8
2	11 47	11 49	11 51	11 53	11 55	11 57	11 59	12 2	12 6	−0.7
3	12 39	12 34	12 29	12 25	12 20	12 17	12 13	12 8	12 0	−0.7
4	13 31	13 19	13 6	12 57	12 45	12 38	12 28	12 14	11 54	−0.7
5	14 23	14 5	13 44	13 31	13 12	13 0	12 44	12 22	11 48	−0.8
6	15 15	14 51	14 24	14 6	13 42	13 26	13 4	12 32	11 41	−0.9
7	16 7	15 39	15 7	14 46	14 17	13 56	13 29	12 48	11 31	−1.0
8	16 58	16 28	15 53	15 29	14 57	14 34	14 2	13 12	11 10	−1.2
9	17 49	17 18	16 41	16 17	15 43	15 19	14 45	13 51	— —	−1.4
10	18 38	18 8	17 32	17 9	16 35	16 12	15 39	14 47	— —	−1.5
11	19 26	18 57	18 25	18 3	17 32	17 11	16 42	15 56	14 15	−1.6
12	20 11	19 46	19 18	18 59	18 32	18 14	17 50	17 13	16 7	−1.7
13	20 53	20 33	20 10	19 55	19 34	19 20	19 1	18 34	17 49	−1.7
14	21 34	21 19	21 3	20 52	20 37	20 27	20 14	19 55	19 26	−1.7
15	22 13	22 5	21 55	21 49	21 40	21 34	21 27	21 16	21 0	−1.8
16	22 52	22 50	22 47	22 46	22 44	22 42	22 40	22 38	22 34	−1.8
17	23 32	23 36	23 41	23 44	23 48	23 51	23 55	— —	— —	−1.8
18	— —	— —	— —	— —	— —	— —	— —	0 0	0 8	—
19	0 13	0 23	0 35	0 43	0 55	1 2	1 12	1 25	1 46	−1.9
20	0 56	1 13	1 32	1 45	2 3	2 15	2 31	2 54	3 30	−1.9
21	1 43	2 6	2 32	2 49	3 14	3 30	3 53	4 26	5 24	−2.0
22	2 34	3 2	3 34	3 55	4 25	4 46	5 15	5 59	7 34	−2.0
23	3 31	4 1	4 37	5 1	5 35	5 59	6 32	7 26	— —	−1.9
24	4 31	5 3	5 39	6 4	6 39	7 3	7 38	8 34	— —	−1.7
25	5 34	6 4	6 39	7 2	7 34	7 57	8 28	9 16	11 7	−1.4
26	6 38	7 4	7 34	7 53	8 20	8 39	9 4	9 41	10 46	−1.2
27	7 40	8 0	8 23	8 38	8 58	9 12	9 30	9 56	10 35	−1.0
28	8 40	8 53	9 8	9 18	9 30	9 39	9 50	10 5	10 28	−0.8
29	9 38	9 43	9 49	9 53	9 59	10 2	10 7	10 13	10 22	−0.8
30	10 33	10 31	10 28	10 27	10 24	10 23	10 21	10 19	10 15	−0.7
31	11 27	11 17	11 6	10 59	10 50	10 44	10 36	10 25	10 9	−0.7
Febr. 1	12 19	12 3	11 45	11 33	11 17	11 6	10 52	10 32	10 3	−0.8
2	13 11	12 49	12 24	12 8	11 46	11 30	11 10	10 42	9 56	−0.9
3	14 3	13 37	13 6	12 46	12 18	11 59	11 33	10 55	9 50	−1.0
4	14 55	14 25	13 51	13 28	12 56	12 34	12 3	11 17	9 34	−1.1
5	15 46	15 14	14 38	14 14	13 40	13 16	12 43	11 50	— —	−1.3
6	16 35	16 4	15 28	15 4	14 30	14 6	13 32	12 39	— —	−1.5
7	17 22	16 53	16 19	15 57	15 25	15 3	14 32	13 44	11 45	−1.6
8	18 8	17 42	17 12	16 52	16 24	16 5	15 38	14 58	13 43	−1.7
9	18 51	18 30	18 5	17 48	17 25	17 10	16 49	16 19	15 27	−1.7
10	19 32	19 16	18 58	18 45	18 28	18 17	18 1	17 40	17 6	−1.7

Monduntergang 1944

Mittlere Ortszeit — Meridian von Greenwich

Tag		Geographische Breite −10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	Änderung bei +50° Breite für 10° östl. Länge
1944		h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Jan.	0	22 36	22 23	22 7	21 57	21 43	21 34	21 21	21 3	20 36	−2.2
	1	23 25	23 19	23 12	23 7	23 1	22 56	22 51	22 43	22 32	−2.1
	2	— —	— —	— —	— —	— —	— —	— —	— —	— —	—
	3	0 11	0 12	0 14	0 14	0 16	0 17	0 18	0 19	0 22	−2.1
	4	0 56	1 4	1 14	1 21	1 29	1 35	1 42	1 53	2 9	−2.0
	5	1 41	1 56	2 13	2 25	2 41	2 51	3 5	3 25	3 56	−2.0
	6	2 27	2 48	3 12	3 28	3 50	4 6	4 26	4 56	5 45	−1.9
	7	3 14	3 40	4 10	4 30	4 57	5 17	5 43	6 23	7 38	−1.8
	8	4 2	4 32	5 6	5 28	6 0	6 23	6 54	7 42	9 44	−1.7
	9	4 52	5 23	5 59	6 23	6 57	7 21	7 55	8 49	— —	−1.5
	10	5 42	6 13	6 49	7 13	7 47	8 11	8 44	9 37	— —	−1.3
	11	6 32	7 2	7 36	7 58	8 30	8 52	9 22	10 9	11 49	−1.1
	12	7 21	7 48	8 18	8 38	9 5	9 24	9 50	10 29	11 35	−0.9
	13	8 9	8 31	8 57	9 13	9 36	9 51	10 12	10 41	11 28	−0.8
	14	8 56	9 13	9 32	9 45	10 2	10 14	10 29	10 49	11 21	−0.7
	15	9 41	9 53	10 6	10 14	10 25	10 33	10 43	10 56	11 15	−0.6
	16	10 26	10 32	10 38	10 42	10 47	10 51	10 55	11 1	11 9	−0.6
	17	11 12	11 11	11 10	11 9	11 8	11 8	11 7	11 5	11 4	−0.6
	18	11 59	11 51	11 43	11 37	11 30	11 25	11 19	11 11	10 58	−0.6
	19	12 47	12 33	12 18	12 8	11 54	11 45	11 33	11 17	10 52	−0.7
	20	13 38	13 18	12 56	12 41	12 21	12 7	11 49	11 24	10 45	−0.8
	21	14 32	14 7	13 38	13 19	12 53	12 35	12 11	11 36	10 36	−1.0
	22	15 30	15 1	14 27	14 5	13 33	13 11	12 42	11 56	10 20	−1.3
	23	16 30	15 59	15 22	14 58	14 24	13 59	13 25	12 31	— —	−1.6
	24	17 32	17 1	16 24	16 0	15 25	15 1	14 26	13 31	— —	−1.9
	25	18 33	18 4	17 31	17 9	16 38	16 16	15 46	14 58	13 9	−2.1
	26	19 31	19 8	18 41	18 22	17 57	17 40	17 16	16 41	15 40	−2.2
	27	20 26	20 9	19 50	19 37	19 20	19 7	18 52	18 29	17 53	−2.3
	28	21 17	21 8	20 57	20 50	20 41	20 34	20 26	20 14	19 56	−2.2
	29	22 6	22 5	22 3	22 2	22 0	21 59	21 57	21 55	21 52	−2.2
	30	22 53	22 59	23 6	23 10	23 17	23 21	23 26	23 33	23 44	−2.1
	31	23 39	23 52	— —	— —	— —	— —	— —	— —	— —	—
Febr.	1	— —	— —	0 7	0 17	0 30	0 39	0 51	1 8	1 34	−2.0
	2	0 25	0 44	1 7	1 21	1 42	1 55	2 14	2 40	3 23	−1.9
	3	1 12	1 37	2 5	2 24	2 50	3 8	3 32	4 9	5 15	−1.8
	4	2 0	2 28	3 1	3 23	3 54	4 15	4 45	5 31	7 13	−1.7
	5	2 48	3 19	3 55	4 19	4 52	5 16	5 49	6 41	— —	−1.5
	6	3 38	4 9	4 46	5 10	5 44	6 8	6 42	7 35	— —	−1.3
	7	4 27	4 58	5 33	5 56	6 28	6 51	7 23	8 12	10 12	−1.1
	8	5 17	5 44	6 17	6 37	7 6	7 27	7 54	8 35	9 52	−1.0
	9	6 5	6 29	6 56	7 14	7 38	7 55	8 17	8 49	9 42	−0.8
	10	6 52	7 11	7 33	7 47	8 6	8 19	8 36	8 59	9 36	−0.7

Mondaufgang 1944

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite									Änderung bei +50° Breite für 10° östl. Länge
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	
1944	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Febr. 10	19 32	19 16	18 58	18 45	18 28	18 17	18 1	17 40	17 6	−1.7
11	20 12	20 2	19 50	19 42	19 31	19 24	19 14	19 1	18 41	−1.8
12	20 51	20 47	20 42	20 39	20 34	20 31	20 28	20 22	20 14	−1.8
13	21 30	21 32	21 34	21 36	21 38	21 40	21 41	21 44	21 48	−1.8
14	22 10	22 18	22 28	22 34	22 43	22 49	22 56	23 7	23 23	−1.8
15	22 52	23 6	23 23	23 34	23 49	23 59	— —	— —	— —	−1.9
16	23 36	23 56	— —	— —	— —	— —	0 13	0 32	1 2	—
17	— —	— —	0 20	0 35	0 57	1 12	1 32	2 1	2 49	−1.9
18	0 23	0 49	1 18	1 38	2 6	2 25	2 51	3 31	4 45	−1.9
19	1 15	1 45	2 19	2 42	3 14	3 37	4 9	4 59	7 18	−1.9
20	2 12	2 43	3 20	3 44	4 19	4 44	5 19	6 15	— —	−1.7
21	3 12	3 43	4 19	4 43	5 18	5 42	6 15	7 9	— —	−1.5
22	4 14	4 43	5 16	5 38	6 8	6 29	6 58	7 41	9 6	−1.3
23	5 18	5 41	6 8	6 26	6 50	7 7	7 29	8 0	8 52	−1.1
24	6 20	6 37	6 56	7 8	7 25	7 37	7 51	8 12	8 43	−0.9
25	7 20	7 29	7 40	7 47	7 56	8 2	8 10	8 21	8 36	−0.8
26	8 19	8 20	8 22	8 22	8 24	8 25	8 26	8 28	8 30	−0.8
27	9 15	9 9	9 1	8 57	8 50	8 46	8 41	8 34	8 23	−0.7
28	10 10	9 56	9 41	9 31	9 17	9 8	8 56	8 40	8 17	−0.8
29	11 5	10 44	10 21	10 6	9 46	9 32	9 15	8 49	8 10	−0.9
März 1	11 58	11 32	11 4	10 45	10 19	10 1	9 36	9 2	8 3	−1.0
2	12 50	12 21	11 48	11 26	10 55	10 33	10 4	9 19	7 49	−1.1
3	13 42	13 11	12 35	12 11	11 37	11 13	10 41	9 49	— —	−1.3
4	14 32	14 0	13 24	13 0	12 25	12 1	11 27	10 33	— —	−1.4
5	15 20	14 50	14 15	13 52	13 19	12 56	12 24	11 33	— —	−1.5
6	16 6	15 39	15 7	14 46	14 17	13 56	13 28	12 45	11 18	−1.6
7	16 49	16 26	16 0	15 42	15 17	15 0	14 38	14 4	13 5	−1.7
8	17 31	17 13	16 53	16 39	16 20	16 7	15 50	15 26	14 46	−1.7
9	18 12	17 59	17 45	17 36	17 23	17 14	17 3	16 47	16 23	−1.8
10	18 51	18 45	18 37	18 33	18 26	18 22	18 17	18 9	17 57	−1.8
11	19 30	19 30	19 30	19 30	19 30	19 31	19 31	19 31	19 31	−1.8
12	20 10	20 16	20 24	20 28	20 35	20 40	20 45	20 54	21 6	−1.8
13	20 50	21 3	21 18	21 28	21 41	21 50	22 2	22 18	22 44	−1.8
14	21 33	21 52	22 14	22 28	22 48	23 1	23 20	23 45	— —	−1.9
15	22 19	22 43	23 11	23 30	23 56	— —	— —	— —	0 27	−1.9
16	23 8	23 37	— —	— —	— —	0 14	0 38	1 15	2 20	—
17	— —	— —	0 10	0 32	1 3	1 25	1 55	2 42	4 31	−1.8
18	0 1	0 32	1 9	1 33	2 7	2 32	3 6	4 1	— —	−1.7
19	0 58	1 29	2 6	2 31	3 6	3 31	4 6	5 2	— —	−1.5
20	1 57	2 27	3 2	3 26	3 58	4 21	4 53	5 42	7 39	−1.3
21	2 58	3 24	3 55	4 15	4 42	5 1	5 27	6 5	7 12	−1.1
22	3 59	4 20	4 43	4 59	5 20	5 34	5 52	6 19	7 0	−1.0

Monduntergang 1944

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite									Änderung bei +50° Breite für 10° östl. Länge
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	
1944	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Febr. 10	6 52	7 11	7 33	7 47	8 6	8 19	8 36	8 59	9 36	−0.7
11	7 38	7 52	8 7	8 17	8 30	8 39	8 51	9 6	9 29	−0.6
12	8 24	8 31	8 40	8 45	8 52	8 57	9 3	9 12	9 24	−0.6
13	9 9	9 10	9 11	9 12	9 13	9 14	9 15	9 16	9 18	−0.6
14	9 54	9 49	9 43	9 40	9 35	9 31	9 27	9 21	9 12	−0.6
15	10 41	10 30	10 17	10 8	9 57	9 49	9 39	9 26	9 6	−0.7
16	11 30	11 13	10 53	10 40	10 22	10 10	9 54	9 33	9 0	−0.7
17	12 21	11 58	11 32	11 14	10 51	10 34	10 13	9 42	8 51	−0.9
18	13 15	12 48	12 16	11 55	11 26	11 5	10 38	9 57	8 39	−1.1
19	14 12	13 42	13 6	12 43	12 9	11 46	11 14	10 23	8 2	−1.4
20	15 12	14 40	14 3	13 38	13 4	12 39	12 4	11 7	— —	−1.7
21	16 12	15 41	15 6	14 43	14 9	13 45	13 12	12 20	— —	−2.0
22	17 11	16 44	16 14	15 53	15 25	15 4	14 37	13 55	12 32	−2.2
23	18 8	17 48	17 24	17 8	16 46	16 31	16 11	15 41	14 53	−2.3
24	19 2	18 49	18 34	18 24	18 10	18 0	17 48	17 30	17 3	−2.3
25	19 54	19 48	19 42	19 38	19 33	19 29	19 24	19 17	19 7	−2.3
26	20 43	20 46	20 49	20 51	20 53	20 55	20 57	21 0	21 5	−2.2
27	21 32	21 42	21 53	22 1	22 12	22 19	22 28	22 41	23 1	−2.1
28	22 19	22 36	22 56	23 9	23 27	23 39	23 55	— —	— —	−2.0
29	23 7	23 30	23 57	— —	— —	— —	— —	0 18	0 54	—
März 1	23 56	— —	— —	0 14	0 38	0 55	1 18	1 51	2 49	−1.9
2	— —	0 23	0 55	1 16	1 46	2 6	2 35	3 18	4 48	−1.8
3	0 45	1 15	1 50	2 14	2 47	3 10	3 43	4 34	— —	−1.6
4	1 34	2 6	2 42	3 7	3 41	4 5	4 39	5 33	— —	−1.4
5	2 24	2 55	3 31	3 55	4 28	4 51	5 24	6 16	— —	−1.2
6	3 13	3 42	4 15	4 37	5 8	5 29	5 58	6 42	8 10	−1.0
7	4 2	4 27	4 56	5 15	5 41	5 59	6 23	6 58	7 58	−0.9
8	4 49	5 10	5 33	5 49	6 10	6 24	6 43	7 9	7 50	−0.7
9	5 36	5 51	6 8	6 20	6 35	6 45	6 58	7 16	7 44	−0.7
10	6 21	6 31	6 41	6 48	6 57	7 3	7 11	7 22	7 38	−0.6
11	7 7	7 10	7 14	7 16	7 19	7 21	7 23	7 27	7 32	−0.6
12	7 52	7 49	7 45	7 43	7 40	7 38	7 35	7 31	7 26	−0.6
13	8 39	8 29	8 18	8 11	8 1	7 55	7 47	7 36	7 19	−0.6
14	9 27	9 11	8 53	8 41	8 25	8 15	8 1	7 42	7 13	−0.7
15	10 16	9 55	9 30	9 14	8 52	8 37	8 17	7 50	7 5	−0.8
16	11 8	10 42	10 12	9 52	9 24	9 5	8 39	8 1	6 53	−1.0
17	12 3	11 33	10 58	10 35	10 3	9 40	9 9	8 21	6 31	−1.2
18	13 0	12 28	11 51	11 26	10 51	10 27	9 52	8 56	— —	−1.5
19	13 57	13 26	12 49	12 25	11 50	11 25	10 51	9 55	— —	−1.8
20	14 55	14 26	13 52	13 30	12 58	12 36	12 5	11 17	9 22	−2.0
21	15 51	15 27	14 59	14 41	14 15	13 57	13 33	12 57	11 53	−2.2
22	16 45	16 28	16 8	15 55	15 37	15 24	15 7	14 44	14 6	−2.3

Mondaufgang 1944

Mittlere Ortszeit | Meridian von Greenwich

Tag	Geographische Breite									Änderung bei +50° Breite für 10° östl. Länge
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	
1944	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
März 22	3 59	4 20	4 43	4 59	5 20	5 34	5 52	6 19	7 0	−1.0
23	5 0	5 13	5 28	5 38	5 52	6 1	6 12	6 28	6 52	−0.8
24	5 59	6 5	6 11	6 15	6 21	6 24	6 29	6 35	6 44	−0.8
25	6 57	6 55	6 52	6 50	6 48	6 46	6 44	6 41	6 38	−0.8
26	7 54	7 44	7 32	7 25	7 15	7 8	6 59	6 48	6 31	−0.8
27	8 51	8 33	8 3	8 0	7 43	7 31	7 16	6 55	6 23	−0.8
28	9 46	9 23	8 56	8 38	8 14	7 58	7 36	7 5	6 15	−0.9
29	10 41	10 13	9 41	9 20	8 50	8 30	8 2	7 21	6 3	−1.1
30	11 35	11 4	10 28	10 4	9 31	9 8	8 35	7 45	5 26	−1.2
31	12 26	11 54	11 18	10 53	10 18	9 53	9 19	8 23	— —	−1.4
April 1	13 16	12 45	12 9	11 45	11 11	10 47	10 13	9 20	— —	−1.5
2	14 3	13 34	13 1	12 39	12 8	11 46	11 16	10 29	8 42	−1.6
3	14 48	14 23	13 54	13 35	13 8	12 50	12 25	11 47	10 39	−1.7
4	15 30	15 10	14 47	14 31	14 10	13 56	13 36	13 9	12 23	−1.7
5	16 11	15 56	15 39	15 28	15 13	15 3	14 50	14 31	14 1	−1.8
6	16 50	16 42	16 32	16 26	16 17	16 11	16 3	15 53	15 37	−1.8
7	17 29	17 27	17 25	17 23	17 21	17 20	17 18	17 15	17 12	−1.8
8	18 9	18 13	18 18	18 22	18 26	18 29	18 33	18 39	18 47	−1.8
9	18 49	19 0	19 13	19 21	19 33	19 40	19 50	20 4	20 26	−1.9
10	19 32	19 49	20 9	20 22	20 40	20 52	21 9	21 32	22 9	−1.9
11	20 17	20 40	21 6	21 24	21 48	22 5	22 28	23 2	— —	−1.9
12	21 5	21 33	22 5	22 26	22 56	23 18	23 47	— —	0 0	−1.9
13	21 57	22 28	23 4	23 28	— —	— —	— —	0 32	2 8	—
14	22 51	23 24	— —	— —	0 2	0 26	1 0	1 55	— —	−1.7
15	23 49	— —	0 1	0 26	1 2	1 27	2 3	3 2	— —	−1.6
16	— —	0 20	0 56	1 21	1 55	2 19	2 53	3 47	— —	−1.4
17	0 47	1 16	1 48	2 10	2 40	3 1	3 30	4 13	5 37	−1.2
18	1 47	2 10	2 37	2 54	3 18	3 35	3 57	4 28	5 20	−1.0
19	2 45	3 2	3 21	3 34	3 51	4 2	4 17	4 38	5 9	−1.0
20	3 43	3 52	4 3	4 10	4 19	4 26	4 34	4 35	5 1	−0.8
21	4 40	4 42	4 44	4 45	4 46	4 47	4 49	4 51	4 53	−0.7
22	5 37	5 31	5 23	5 19	5 12	5 8	5 3	4 56	4 46	−0.7
23	6 34	6 19	6 4	5 53	5 39	5 30	5 18	5 2	4 38	−0.8
24	7 31	7 9	6 46	6 30	6 9	5 55	5 36	5 10	4 29	−0.9
25	8 27	8 0	7 30	7 11	6 43	6 24	5 59	5 22	4 17	−1.0
26	9 23	8 52	8 18	7 55	7 22	7 0	6 29	5 41	3 53	−1.2
27	10 17	9 44	9 7	8 43	8 8	7 43	7 9	6 12	— —	−1.3
28	11 8	10 36	9 59	9 34	8 59	8 34	7 59	7 2	— —	−1.5
29	11 57	11 27	10 52	10 29	9 56	9 33	9 0	8 9	— —	−1.6
30	12 44	12 16	11 46	11 25	10 56	10 36	10 8	9 26	8 2	−1.7
Mai 1	13 27	13 5	12 39	12 22	11 58	11 42	11 20	10 48	9 53	−1.7
2	14 8	13 51	13 32	13 19	13 1	12 49	12 33	12 10	11 34	−1.8

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite −10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	Änderung bei +50° Breite für 10° östl. Länge
1944	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
März 22	16 45	16 28	16 8	15 55	15 37	15 24	15 7	14 44	14 6	−2.3
23	17 38	17 28	17 17	17 9	16 59	16 53	16 44	16 31	16 12	−2.3
24	18 28	18 27	18 25	18 24	18 22	18 21	18 20	18 17	18 14	−2.3
25	19 18	19 24	19 32	19 37	19 43	19 48	19 54	20 1	20 14	−2.2
26	20 7	20 21	20 37	20 48	21 2	21 12	21 26	21 43	22 12	−2.2
27	20 57	21 17	21 41	21 57	22 19	22 34	22 54	23 23	— —	−2.1
28	21 47	22 13	22 43	23 3	23 31	23 50	— —	— —	0 11	−1.9
29	22 37	23 7	23 41	— —	— —	— —	0 17	0 57	2 13	—
30	23 28	— —	— —	0 4	0 37	1 0	1 32	2 21	4 40	−1.7
31	— —	0 0	0 37	1 1	1 35	2 0	2 36	3 30	— —	−1.5
April 1	0 19	0 50	1 27	1 52	2 26	2 50	3 26	4 19	— —	−1.3
2	1 9	1 39	2 13	2 36	3 8	3 31	4 3	4 49	6 38	−1.1
3	1 57	2 25	2 56	3 16	3 44	4 3	4 30	5 8	6 18	−0.9
4	2 45	3 8	3 34	3 51	4 14	4 29	4 51	5 20	6 7	−0.8
5	3 32	3 49	4 9	4 22	4 39	4 51	5 7	5 27	6 0	−0.7
6	4 18	4 30	4 43	4 51	5 2	5 10	5 20	5 33	5 53	−0.6
7	5 4	5 9	5 15	5 19	5 24	5 27	5 32	5 38	5 46	−0.6
8	5 49	5 48	5 47	5 46	5 45	5 44	5 43	5 42	5 40	−0.6
9	6 36	6 28	6 19	6 14	6 6	6 1	5 55	5 46	5 33	−0.6
10	7 24	7 10	6 54	6 43	6 29	6 20	6 8	5 51	5 26	−0.7
11	8 13	7 53	7 30	7 15	6 55	6 41	6 23	5 57	5 18	−0.8
12	9 5	8 40	8 11	7 52	7 25	7 7	6 43	6 8	5 6	−0.9
13	9 59	9 29	8 56	8 33	8 2	7 40	7 9	6 23	4 46	−1.1
14	10 54	10 22	9 46	9 21	8 46	8 22	7 47	6 52	— —	−1.4
15	11 51	11 18	10 41	10 16	9 41	9 15	8 39	7 41	— —	−1.6
16	12 47	12 16	11 41	11 18	10 44	10 21	9 48	8 54	— —	−1.9
17	13 42	13 15	12 45	12 25	11 56	11 36	11 9	10 27	9 6	−2.1
18	14 35	14 14	13 51	13 35	13 13	12 58	12 38	12 9	11 20	−2.2
19	15 26	15 13	14 57	14 47	14 33	14 23	14 11	13 53	13 26	−2.2
20	16 16	16 10	16 4	16 0	15 54	15 50	15 45	15 37	15 27	−2.2
21	17 5	17 7	17 10	17 12	17 14	17 16	17 18	17 21	17 25	−2.2
22	17 54	18 4	18 16	18 24	18 35	18 42	18 51	19 4	19 24	−2.2
23	18 43	19 1	19 21	19 35	19 53	20 6	20 22	20 46	21 24	−2.1
24	19 34	19 58	20 25	20 44	21 9	21 27	21 50	22 25	23 28	−2.0
25	20 25	20 54	21 27	21 49	22 20	22 42	23 12	23 58	— —	−1.9
26	21 17	21 49	22 25	22 49	23 24	23 48	— —	— —	1 45	−1.7
27	22 9	22 42	23 19	23 44	— —	— —	0 22	1 18	— —	—
28	23 1	23 32	— —	— —	0 20	0 45	1 20	2 18	— —	−1.4
29	23 51	— —	0 8	0 33	1 6	1 30	2 3	2 56	— —	−1.2
30	— —	0 20	0 53	1 15	1 45	2 6	2 35	3 18	4 44	−1.0
Mai 1	0 40	1 5	1 33	1 51	2 17	2 34	2 58	3 31	4 27	−0.8
2	1 27	1 47	2 9	2 24	2 44	2 57	3 15	3 40	4 18	−0.7

Mondaufgang 1944

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite									Änderung bei +50° Breite für 10° östl. Länge
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	
1944	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Mai 2	14 8	13 51	13 32	13 19	13 1	12 49	12 33	12 10	11 34	−1.8
3	14 48	14 37	14 24	14 16	14 4	13 57	13 47	13 33	13 12	−1.8
4	15 27	15 22	15 17	15 13	15 9	15 5	15 1	14 56	14 47	−1.8
5	16 6	16 8	16 10	16 12	16 14	16 15	16 16	16 19	16 23	−1.8
6	16 47	16 55	17 5	17 11	17 20	17 26	17 34	17 45	18 1	−1.9
7	17 29	17 44	18 1	18 12	18 28	18 39	18 53	19 13	19 44	−1.9
8	18 13	18 34	18 59	19 15	19 38	19 53	20 14	20 44	21 35	−1.9
9	19 1	19 28	19 58	20 19	20 47	21 8	21 35	22 17	23 40	−1.9
10	19 52	20 23	20 58	21 22	21 55	22 19	22 52	23 46	— —	−1.8
11	20 47	21 19	21 57	22 22	22 58	23 24	— —	— —	— —	−1.7
12	21 44	22 16	22 54	23 19	23 54	— —	0 1	1 1	— —	−1.4
13	22 42	23 12	23 47	— —	— —	0 20	0 55	1 53	— —	—
14	23 41	— —	— —	0 10	0 42	1 4	1 35	2 23	4 9	−1.2
15	— —	0 6	0 35	0 55	1 21	1 40	2 4	2 40	3 42	−1.0
16	0 38	0 58	1 20	1 35	1 54	2 8	2 25	2 50	3 28	−0.9
17	1 35	1 47	2 1	2 11	2 23	2 32	2 42	2 57	3 19	−0.8
18	2 31	2 35	2 41	2 44	2 49	2 53	2 57	3 2	3 10	−0.7
19	3 25	3 22	3 19	3 17	3 14	3 12	3 10	3 7	3 2	−0.7
20	4 21	4 10	3 58	3 50	3 40	3 33	3 24	3 12	2 54	−0.7
21	5 16	4 58	4 38	4 25	4 7	3 55	3 39	3 18	2 45	−0.8
22	6 13	5 48	5 21	5 3	4 38	4 21	3 59	3 27	2 36	−0.9
23	7 9	6 40	6 7	5 45	5 15	4 53	4 25	3 41	2 17	−1.1
24	8 4	7 32	6 56	6 31	5 57	5 33	4 59	4 6	— —	−1.3
25	8 58	8 25	7 47	7 22	6 46	6 21	5 45	4 46	— —	−1.5
26	9 49	9 17	8 41	8 16	7 42	7 17	6 43	5 47	— —	−1.6
27	10 37	10 8	9 35	9 13	8 41	8 19	7 49	7 2	5 9	−1.7
28	11 22	10 57	10 29	10 10	9 44	9 26	9 1	8 24	7 16	−1.7
29	12 4	11 45	11 22	11 7	10 47	10 33	10 14	9 47	9 3	−1.8
30	12 45	12 31	12 15	12 5	11 50	11 41	11 28	11 10	10 43	−1.8
31	13 24	13 16	13 8	13 2	12 54	12 49	12 42	12 33	12 19	−1.8
Juni 1	14 3	14 2	14 0	13 59	13 59	13 58	13 57	13 56	13 54	−1.8
2	14 42	14 48	14 54	14 58	15 4	15 8	15 13	15 20	15 30	−1.8
3	15 23	15 35	15 49	15 59	16 11	16 20	16 31	16 47	17 11	−1.9
4	16 7	16 25	16 47	17 1	17 21	17 34	17 52	18 18	19 0	−1.9
5	16 53	17 18	17 46	18 5	18 31	18 50	19 15	19 52	20 58	−2.0
6	17 44	18 13	18 47	19 10	19 42	20 4	20 36	21 25	23 36	−1.9
7	18 39	19 11	19 48	20 13	20 49	21 14	21 50	22 50	— —	−1.8
8	19 36	20 9	20 47	21 13	21 49	22 15	22 52	23 52	— —	−1.6
9	20 36	21 7	21 43	22 7	22 41	23 5	23 38	— —	— —	−1.3
10	21 35	22 3	22 34	22 55	23 24	23 44	— —	0 30	— —	−1.1
11	22 34	22 56	23 20	23 37	23 59	— —	0 11	0 51	2 4	−0.9
12	23 31	23 46	— —	— —	— —	0 14	0 34	1 2	1 47	—

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite									Änderung bei +50° Breite für 10° östl. Länge
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	
1944	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Mai 2	1 27	1 47	2 9	2 24	2 44	2 57	3 15	3 40	4 18	−0.7
3	2 13	2 28	2 43	2 54	3 8	3 17	3 29	3 45	4 10	−0.6
4	2 59	3 7	3 16	3 21	3 29	3 34	3 41	3 50	4 3	−0.6
5	3 44	3 46	3 47	3 49	3 50	3 51	3 52	3 54	3 56	−0.6
6	4 31	4 25	4 20	4 16	4 11	4 7	4 3	3 57	3 49	−0.6
7	5 18	5 7	4 53	4 45	4 33	4 25	4 15	4 1	3 41	−0.6
8	6 8	5 50	5 29	5 16	4 58	4 45	4 29	4 7	3 32	−0.7
9	7 0	6 36	6 8	5 51	5 26	5 9	4 47	4 15	3 21	−0.9
10	7 54	7 25	6 52	6 31	6 0	5 39	5 11	4 28	3 3	−1.1
11	8 50	8 18	7 42	7 17	6 43	6 18	5 44	4 51	— —	−1.3
12	9 47	9 14	8 36	8 11	7 34	7 9	6 32	5 32	— —	−1.6
13	10 43	10 12	9 35	9 11	8 36	8 11	7 36	6 39	— —	−1.8
14	11 38	11 10	10 38	10 16	9 45	9 23	8 54	8 7	6 22	−2.0
15	12 31	12 8	11 42	11 24	11 0	10 43	10 20	9 46	8 48	−2.1
16	13 22	13 5	12 47	12 34	12 17	12 5	11 50	11 28	10 53	−2.2
17	14 10	14 1	13 51	13 45	13 35	13 29	13 21	13 9	12 52	−2.2
18	14 58	14 57	14 56	14 55	14 54	14 53	14 52	14 51	14 48	−2.2
19	15 45	15 52	16 0	16 5	16 12	16 17	16 23	16 32	16 44	−2.2
20	16 33	16 47	17 4	17 15	17 30	17 40	17 53	18 12	18 41	−2.1
21	17 22	17 43	18 8	18 24	18 46	19 2	19 22	19 52	20 42	−2.1
22	18 13	18 39	19 10	19 31	20 0	20 20	20 47	21 29	22 54	−2.0
23	19 5	19 36	20 11	20 34	21 8	21 31	22 4	22 57	— —	−1.8
24	19 58	20 30	21 8	21 33	22 8	22 34	23 10	— —	— —	−1.6
25	20 50	21 23	22 0	22 25	23 0	23 25	— —	0 8	— —	−1.3
26	21 42	22 12	22 48	23 11	23 43	— —	0 0	0 58	— —	−1.1
27	22 32	22 59	23 30	23 50	— —	0 6	0 37	1 26	3 20	—
28	23 21	23 43	— —	— —	0 18	0 37	1 4	1 42	2 51	−0.9
29	— —	— —	0 8	0 25	0 47	1 3	1 23	1 52	2 38	−0.7
30	0 7	0 24	0 43	0 55	1 12	1 23	1 38	1 58	2 29	−0.7
31	0 53	1 4	1 16	1 24	1 34	1 41	1 50	2 3	2 20	−0.6
Juni 1	1 38	1 43	1 48	1 51	1 55	1 58	2 1	2 6	2 13	−0.6
2	2 24	2 22	2 19	2 18	2 15	2 14	2 12	2 10	2 6	−0.6
3	3 10	3 2	2 52	2 45	2 36	2 31	2 23	2 13	1 58	−0.6
4	3 59	3 44	3 26	3 15	3 0	2 49	2 36	2 17	1 50	−0.7
5	4 50	4 29	4 4	3 48	3 26	3 11	2 51	2 23	1 39	−0.8
6	5 44	5 17	4 46	4 26	3 58	3 38	3 12	2 34	1 24	−1.0
7	6 41	6 10	5 34	5 11	4 37	4 14	3 42	2 51	0 39	−1.2
8	7 39	7 6	6 28	6 2	5 26	5 0	4 24	3 24	— —	−1.5
9	8 37	8 4	7 27	7 1	6 25	6 0	5 23	4 23	— —	−1.8
10	9 34	9 4	8 30	8 7	7 34	7 11	6 38	5 47	— —	−2.0
11	10 28	10 4	9 35	9 15	8 49	8 30	8 4	7 26	6 14	−2.1
12	11 20	11 2	10 40	10 26	10 6	9 53	9 34	9 9	8 27	−2.2

Mondaufgang 1944

Mittlere Ortszeit — Meridian von Greenwich

Tag	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	Änderung bei +50° Breite für 10° östl. Länge
1944	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Juni 12	23 31	23 46	— —	— —	— —	0 14	0 34	1 2	1 47	—
13	— —	— —	0 3	0 14	0 29	0 39	0 52	1 10	1 36	−0.8
14	0 26	0 34	0 42	0 48	0 55	1 0	1 6	1 15	1 27	−0.7
15	1 20	1 20	1 20	1 20	1 20	1 19	1 19	1 19	1 19	−0.7
16	2 14	2 6	1 57	1 52	1 44	1 39	1 32	1 23	1 11	−0.7
17	3 8	2 53	2 36	2 25	2 10	2 0	1 47	1 29	1 3	−0.8
18	4 3	3 41	3 16	3 0	2 38	2 23	2 4	1 36	0 53	−0.9
19	4 58	4 31	4 0	3 40	3 11	2 52	2 26	1 47	0 38	−1.0
20	5 53	5 22	4 47	4 23	3 50	3 27	2 55	2 6	0 7	−1.2
21	6 47	6 15	5 37	5 12	4 36	4 11	3 35	2 37	— —	−1.4
22	7 40	7 7	6 30	6 5	5 29	5 4	4 28	3 29	— —	−1.5
23	8 30	7 59	7 24	7 1	6 28	6 4	5 31	4 39	— —	−1.7
24	9 16	8 49	8 19	7 58	7 28	7 9	6 42	6 0	4 35	−1.7
25	10 0	9 38	9 13	8 56	8 33	8 17	7 55	7 24	6 30	−1.8
26	10 41	10 25	10 6	9 54	9 36	9 25	9 9	8 48	8 13	−1.8
27	11 21	11 11	10 58	10 51	10 40	10 33	10 24	10 11	9 51	−1.8
28	11 59	11 55	11 51	11 48	11 44	11 41	11 37	11 33	11 25	−1.8
29	12 38	12 40	12 43	12 45	12 48	12 50	12 52	12 55	13 0	−1.8
30	13 18	13 27	13 37	13 44	13 53	14 0	14 8	14 20	14 37	−1.8
Juli 1	13 59	14 15	14 33	14 45	15 1	15 12	15 27	15 48	16 20	−1.9
2	14 44	15 6	15 31	15 47	16 11	16 27	16 48	17 20	18 13	−1.9
3	15 32	15 59	16 31	16 52	17 21	17 42	18 10	18 54	20 24	−1.9
4	16 25	16 56	17 32	17 57	18 31	18 55	19 29	20 25	— —	−1.9
5	17 22	17 55	18 34	18 59	19 36	20 2	20 39	21 40	— —	−1.7
6	18 23	18 55	19 32	19 58	20 33	20 58	21 33	22 31	— —	−1.5
7	19 24	19 54	20 27	20 50	21 21	21 43	22 13	22 58	— —	−1.2
8	20 25	20 49	21 17	21 35	22 0	22 17	22 40	23 12	0 31	−1.0
9	21 24	21 42	22 2	22 15	22 33	22 44	23 0	23 21	{ 0 7 23 54	−0.8
10	22 22	22 32	22 43	22 50	23 0	23 7	23 16	23 27	23 44	−0.7
11	23 17	23 19	23 22	23 23	23 25	23 27	23 29	23 31	23 35	−0.7
12	— —	— —	23 59	23 55	23 50	23 46	23 42	23 36	23 27	−0.7
13	0 11	0 5	— —	— —	— —	— —	23 55	23 41	23 19	—
14	1 4	0 51	0 37	0 28	0 15	0 6	— —	23 47	23 10	−0.7
15	1 58	1 38	1 16	1 2	0 42	0 29	0 11	23 56	22 57	−0.8
16	2 52	2 27	1 58	1 39	1 13	0 55	0 31	— —	22 36	−0.9
17	3 46	3 17	2 43	2 20	1 49	1 27	0 57	0 11	— —	−1.1
18	4 40	4 8	3 31	3 6	2 31	2 7	1 32	0 36	— —	−1.3
19	5 33	5 0	4 22	3 57	3 21	2 55	2 19	1 20	— —	−1.5
20	6 23	5 52	5 15	4 51	4 17	3 53	3 18	2 23	— —	−1.6
21	7 11	6 43	6 10	5 48	5 17	4 56	4 26	3 40	1 57	−1.7
22	8 56	7 32	7 4	6 46	6 20	6 3	5 39	5 3	4 0	−1.8
23	8 38	8 19	7 58	7 44	7 24	7 11	6 53	6 28	5 47	−1.8

Monduntergang 1944

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite −10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	Änderung bei +50° Breite für 10° östl. Länge
1944	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Juni 12	11 20	11 2	10 40	10 26	10 6	9 53	9 34	9 9	8 27	−2.2
13	12 9	11 58	11 44	11 36	11 24	11 16	11 5	10 51	10 28	−2.2
14	12 56	12 52	12 48	12 45	12 41	12 39	12 36	12 31	12 24	−2.1
15	13 42	13 46	13 51	13 54	13 58	14 1	14 4	14 9	14 17	−2.1
16	14 29	14 40	14 53	15 2	15 14	15 22	15 33	15 48	16 10	−2.1
17	15 16	15 34	15 56	16 10	16 29	16 43	17 0	17 26	18 7	−2.1
18	16 5	16 29	16 58	17 16	17 43	18 1	18 26	19 2	20 10	−2.0
19	16 55	17 24	17 58	18 21	18 52	19 15	19 46	20 34	22 35	−1.8
20	17 47	18 19	18 56	19 21	19 56	20 21	20 56	21 53	— —	−1.7
21	18 40	19 13	19 51	20 16	20 52	21 18	21 54	22 53	— —	−1.4
22	19 32	20 4	20 41	21 5	21 39	22 3	22 36	23 30	— —	−1.2
23	20 24	20 52	21 25	21 47	22 17	22 39	23 7	23 50	— —	−1.0
24	21 13	21 38	22 6	22 24	22 49	23 6	23 29	— —	1 15	−0.8
25	22 1	22 20	22 42	22 56	23 16	23 29	23 46	0 2	0 57	−0.7
26	22 47	23 0	23 16	23 25	23 39	23 48	23 59	0 10	0 47	−0.6
27	23 32	23 39	23 48	23 53	— —	— —	— —	0 15	0 38	−0.6
28	— —	— —	— —	— —	0 0	0 5	0 10	0 19	0 30	—
29	0 17	0 18	0 19	0 19	0 20	0 20	0 21	0 22	0 23	−0.6
30	1 3	0 57	0 50	0 46	0 40	0 36	0 31	0 25	0 15	−0.6
Juli 1	1 50	1 37	1 23	1 14	1 2	0 54	0 43	0 28	{ 0 7 23 58	−0.6
2	2 39	2 20	1 59	1 45	1 26	1 13	0 57	0 34	23 45	−0.7
3	3 31	3 6	2 39	2 20	1 55	1 38	1 14	0 41	23 23	−0.9
4	4 26	3 57	3 24	3 1	2 30	2 9	1 39	0 55	— —	−1.1
5	5 24	4 52	4 15	3 50	3 15	2 50	2 15	1 19	— —	−1.4
6	6 24	5 51	5 13	4 47	4 10	3 44	3 7	2 5	— —	−1.7
7	7 23	6 52	6 15	5 51	5 16	4 52	4 17	3 20	— —	−2.0
8	8 20	7 53	7 22	7 1	6 31	6 10	5 42	4 58	3 27	−2.1
9	9 14	8 53	8 29	8 13	7 50	7 35	7 13	6 43	5 52	−2.2
10	10 6	9 52	9 36	9 25	9 10	9 0	8 47	8 29	8 0	−2.2
11	10 54	10 48	10 41	10 36	10 30	10 25	10 20	10 12	10 0	−2.2
12	11 41	11 43	11 45	11 46	11 48	11 49	11 50	11 52	11 55	−2.1
13	12 27	12 37	12 47	12 54	13 4	13 10	13 18	13 30	13 48	−2.1
14	13 14	13 30	13 49	14 2	14 19	14 30	14 46	15 7	15 42	−2.0
15	14 1	14 24	14 50	15 8	15 32	15 48	16 11	16 43	17 40	−2.0
16	14 50	15 18	15 50	16 12	16 42	17 2	17 31	18 16	19 51	−1.9
17	15 41	16 12	16 48	17 12	17 46	18 11	18 45	19 39	— —	−1.7
18	16 33	17 6	17 43	18 9	18 45	19 10	19 46	20 46	— —	−1.5
19	17 25	17 57	18 35	18 59	19 34	19 59	20 34	21 31	— —	−1.3
20	18 16	18 47	19 21	19 44	20 16	20 38	21 9	21 56	23 41	−1.0
21	19 6	19 33	20 3	20 23	20 50	21 9	21 34	22 11	23 16	−0.9
22	19 55	20 17	20 41	20 57	21 18	21 33	21 53	22 20	23 3	−0.7
23	20 42	20 58	21 16	21 27	21 43	21 53	22 7	22 26	22 54	−0.6

Mondaufgang 1944

Mittlere Ortszeit | Meridian von Greenwich

Tag		Geographische Breite −10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	Änderung bei +5° Breite für 10° östl. Länge
1944		h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Juli	23	8 38	8 19	7 58	7 44	7 24	7 11	6 53	6 28	5 47	−1.8
	24	9 18	9 6	8 51	8 41	8 29	8 19	8 7	7 51	7 26	−1.8
	25	9 57	9 50	9 43	9 38	9 31	9 27	9 21	9 13	9 1	−1.8
	26	10 35	10 35	10 35	10 35	10 35	10 35	10 35	10 35	10 35	−1.8
	27	11 14	11 20	11 27	11 32	11 39	11 43	11 49	11 57	12 10	−1.8
	28	11 53	12 6	12 21	12 31	12 44	12 53	13 5	13 22	13 48	−1.8
	29	12 36	12 55	13 17	13 31	13 51	14 5	14 24	14 50	15 33	−1.9
	30	13 21	13 46	14 15	14 34	15 1	15 19	15 44	16 22	17 30	−1.9
	31	14 11	14 41	15 15	15 37	16 10	16 32	17 4	17 54	20 14	−1.9
Aug.	1	15 6	15 38	16 15	16 41	17 16	17 42	18 18	19 18	— —	−1.8
	2	16 5	16 38	17 16	17 41	18 18	18 44	19 20	20 21	— —	−1.6
	3	17 6	17 37	18 13	18 37	19 10	19 34	20 7	20 58	23 33	−1.3
	4	18 9	18 35	19 6	19 26	19 55	20 14	20 40	21 19	22 27	−1.1
	5	19 11	19 31	19 55	20 10	20 31	20 45	21 4	21 30	22 11	−0.9
	6	20 10	20 23	20 39	20 48	21 1	21 10	21 22	21 37	22 0	−0.8
	7	21 9	21 13	21 20	21 23	21 28	21 32	21 36	21 42	21 51	−0.7
	8	22 5	22 2	21 59	21 57	21 54	21 52	21 50	21 47	21 43	−0.7
	9	23 0	22 49	22 37	22 29	22 19	22 12	22 3	21 51	21 34	−0.7
	10	23 54	23 36	23 16	23 3	22 46	22 34	22 18	21 57	21 25	−0.8
	11	— —	— —	23 57	23 40	23 15	22 59	22 37	22 5	21 14	−0.9
	12	0 49	0 25	— —	— —	23 50	23 29	23 1	22 18	20 56	−1.0
	13	1 43	1 14	0 41	0 20	— —	— —	23 32	22 39	— —	—
	14	2 36	2 4	1 28	1 4	0 30	0 6	— —	23 16	— —	−1.2
	15	3 29	2 56	2 18	1 53	1 17	0 51	0 15	— —	— —	−1.4
	16	4 19	3 47	3 10	2 45	2 10	1 45	1 10	0 13	23 9	−1.5
	17	5 8	4 38	4 4	3 41	3 9	2 46	2 15	1 25	— —	−1.7
	18	5 53	5 27	4 58	4 38	4 11	3 52	3 26	2 47	1 33	−1.7
	19	6 36	6 15	5 52	5 36	5 14	5 0	4 40	4 11	3 23	−1.8
	20	7 17	7 2	6 45	6 34	6 18	6 8	5 54	5 35	5 4	−1.8
	21	7 56	7 47	7 37	7 31	7 22	7 16	7 8	6 57	6 41	−1.7
	22	8 34	8 32	8 29	8 27	8 25	8 24	8 22	8 19	8 15	−1.7
	23	9 12	9 16	9 21	9 24	9 29	9 32	9 35	9 41	9 49	−1.8
	24	9 51	10 2	10 14	10 22	10 33	10 40	10 50	11 4	11 25	−1.8
	25	10 32	10 48	11 8	11 20	11 38	11 50	12 6	12 29	13 5	−1.8
	26	11 15	11 37	12 4	12 21	12 45	13 2	13 24	13 57	14 55	−1.9
	27	12 1	12 29	13 1	13 22	13 52	14 14	14 43	15 28	17 4	−1.8
	28	12 52	13 23	14 0	14 24	14 59	15 23	15 58	16 54	— —	−1.8
	29	13 47	14 20	14 59	15 24	16 1	16 27	17 4	18 7	— —	−1.6
	30	14 46	15 19	15 56	16 22	16 57	17 22	17 58	18 55	— —	−1.4
	31	15 48	16 17	16 51	17 13	17 45	18 7	18 37	19 22	20 56	−1.2
Sept.	1	16 50	17 14	17 42	18 0	18 25	18 41	19 4	19 36	20 31	−1.0
	2	17 52	18 9	18 28	18 41	18 58	19 10	19 24	19 45	20 17	−0.9

Monduntergang 1944

Mittlere Ortszeit — Meridian von Greenwich

Tag		Geographische Breite −10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	Änderung bei +50° Breite für 10° östl. Länge
1944		h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Juli	23	20 42	20 58	21 16	21 27	21 43	21 53	22 7	22 26	22 54	−0.6
	24	21 27	21 37	21 48	21 55	22 4	22 11	22 19	22 30	22 46	−0.6
	25	22 12	22 15	22 19	22 21	22 25	22 27	22 29	22 33	22 38	−0.6
	26	22 57	22 54	22 50	22 47	22 44	22 42	22 40	22 36	22 31	−0.6
	27	23 42	23 33	23 22	23 15	23 5	22 59	22 50	22 39	22 23	−0.6
	28	— —	— —	23 56	23 44	23 28	23 17	23 3	22 44	22 14	−0.7
	29	0 30	0 14	— —	— —	23 54	23 38	23 18	22 50	22 4	−0.8
	30	1 19	0 57	0 32	0 16	— —	— —	23 39	22 59	21 47	—
	31	2 12	1 45	1 14	0 53	0 25	0 5	— —	23 17	20 55	−1.0
Aug.	1	3 8	2 37	2 1	1 38	1 4	0 41	0 8	23 51	— —	−1.2
	2	4 6	3 33	2 55	2 30	1 54	1 28	0 51	— —	— —	−1.5
	3	5 6	4 33	3 56	3 30	2 54	2 28	1 52	0 51	23 44	−1.8
	4	6 5	5 36	5 1	4 38	4 6	3 43	3 11	2 21	— —	−2.1
	5	7 2	6 38	6 10	5 52	5 26	5 7	4 43	4 6	3 3	−2.2
	6	7 56	7 39	7 19	7 6	6 48	6 36	6 19	5 56	5 18	−2.3
	7	8 48	8 38	8 27	8 21	8 11	8 4	7 55	7 43	7 25	−2.3
	8	9 37	9 35	9 34	9 33	9 32	9 31	9 30	9 28	9 25	−2.2
	9	10 24	10 31	10 39	10 44	10 51	10 55	11 1	11 10	11 22	−2.2
	10	11 12	11 16	11 42	11 53	12 8	12 18	12 31	12 50	13 19	−2.1
	11	11 59	12 20	12 44	13 0	13 22	13 38	13 58	14 27	15 17	−2.0
	12	12 48	13 14	13 45	14 5	14 34	14 53	15 21	16 2	17 22	−1.9
	13	13 38	14 8	14 43	15 7	15 40	16 4	16 36	17 28	— —	−1.8
	14	14 29	15 2	15 39	16 4	16 40	17 5	17 41	18 40	— —	−1.6
	15	15 21	15 53	16 31	16 56	17 32	17 57	18 33	19 31	— —	−1.3
	16	16 12	16 43	17 18	17 42	18 15	18 39	19 11	20 2	22 19	−1.1
	17	17 2	17 30	18 2	18 22	18 51	19 11	19 38	20 19	21 34	−0.9
	18	17 51	18 14	18 40	18 58	19 21	19 37	19 59	20 30	21 19	−0.8
	19	18 38	18 56	19 16	19 29	19 47	19 59	20 14	20 36	21 9	−0.7
	20	19 24	19 36	19 49	19 58	20 9	20 17	20 27	20 40	21 0	−0.6
	21	20 9	20 14	20 20	20 24	20 30	20 33	20 38	20 44	20 52	−0.6
	22	20 53	20 52	20 51	20 50	20 49	20 49	20 48	20 47	20 45	−0.5
	23	21 38	21 31	21 22	21 17	21 9	21 4	20 58	20 49	20 37	−0.6
	24	22 24	22 10	21 55	21 44	21 31	21 21	21 9	20 53	20 29	−0.6
	25	23 12	22 52	22 29	22 15	21 55	21 41	21 23	20 58	20 19	−0.7
	26	— —	23 37	23 8	22 49	22 23	22 5	21 41	21 6	20 6	−0.9
	27	0 2	— —	23 51	23 29	22 57	22 35	22 5	21 19	19 40	−1.1
	28	0 55	0 25	— —	— —	23 40	23 15	22 40	21 43	— —	−1.3
	29	1 50	1 18	0 41	0 16	— —	— —	23 31	22 28	— —	—
	30	2 48	2 15	1 37	1 11	0 34	0 8	— —	23 43	— —	−1.7
	31	3 47	3 15	2 39	2 14	1 39	1 15	0 40	— —	23 50	−2.0
Sept.	1	4 44	4 17	3 46	3 25	2 55	2 34	2 5	1 22	— —	−2.2
	2	5 40	5 19	4 55	4 39	4 17	4 1	3 41	3 11	2 20	−2.3

Mondaufgang 1944

Mittlere Ortszeit — Meridian von Greenwich

Tag		Geographische Breite									Änderung bei +50° Breite für 10° östl. Länge
		−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	
1944		h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Sept.	2	17 52	18 9	18 28	18 41	18 58	19 10	19 24	19 45	20 17	−0.9
	3	18 52	19 1	19 11	19 18	19 27	19 33	19 41	19 51	20 7	−0.8
	4	19 51	19 52	19 53	19 53	19 54	19 54	19 55	19 56	19 58	−0.7
	5	20 49	20 41	20 33	20 27	20 20	20 15	20 9	20 1	19 49	−0.7
	6	21 45	21 30	21 13	21 2	20 47	20 36	20 23	20 6	19 39	−0.8
	7	22 42	22 19	21 54	21 38	21 16	21 1	20 41	20 13	19 29	−0.9
	8	23 37	23 10	22 38	22 18	21 49	21 29	21 3	20 23	19 14	−1.0
	9	— —	— —	23 25	23 1	22 28	22 5	21 32	20 42	18 25	−1.2
	10	0 32	0 1	— —	23 49	23 13	22 48	22 12	21 12	— —	−1.3
	11	1 25	0 52	0 14	— —	— —	23 39	23 3	22 3	— —	—
	12	2 17	1 44	1 6	0 41	0 5	— —	— —	23 12	— —	−1.5
	13	3 5	2 35	1 59	1 36	1 2	0 39	0 5	— —	23 5	−1.6
	14	3 52	3 24	2 53	2 33	2 3	1 43	1 15	0 32	— —	−1.7
	15	4 35	4 13	3 47	3 30	3 6	2 50	2 28	1 56	1 1	−1.8
	16	5 16	4 59	4 40	4 27	4 10	3 58	3 42	3 20	2 45	−1.8
	17	5 56	5 45	5 33	5 25	5 14	5 6	4 57	4 43	4 23	−1.8
	18	6 34	6 30	6 25	6 22	6 17	6 14	6 11	6 6	5 58	−1.8
	19	7 12	7 14	7 17	7 19	7 21	7 23	7 25	7 27	7 32	−1.8
	20	7 50	7 59	8 9	8 16	8 25	8 31	8 39	8 51	9 7	−1.8
	21	8 30	8 45	9 3	9 14	9 30	9 41	9 55	10 15	10 46	−1.8
	22	9 12	9 33	9 57	10 13	10 36	10 51	11 12	11 42	12 32	−1.8
	23	9 57	10 23	10 53	11 14	11 42	12 2	12 29	13 11	14 33	−1.8
	24	10 45	11 15	11 51	12 14	12 48	13 12	13 45	14 39	— —	−1.8
	25	11 37	12 10	12 48	13 14	13 50	14 16	14 54	15 56	— —	−1.6
	26	12 32	13 6	13 44	14 10	14 47	15 13	15 50	16 53	— —	−1.5
	27	13 31	14 2	14 38	15 2	15 36	16 0	16 33	17 25	— —	−1.3
	28	14 31	14 58	15 29	15 50	16 18	16 38	17 5	17 44	18 55	−1.1
	29	15 32	15 52	16 16	16 32	16 54	17 8	17 27	17 54	18 36	−0.9
	30	16 32	16 45	17 1	17 10	17 24	17 33	17 44	18 0	18 24	−0.8
Okt.	1	17 32	17 36	17 42	17 46	17 51	17 55	17 59	18 5	18 14	−0.7
	2	18 31	18 27	18 23	18 21	18 18	18 15	18 13	18 9	18 4	−0.7
	3	19 29	19 17	19 4	18 56	18 44	18 36	18 27	18 13	17 54	−0.8
	4	20 28	20 8	19 46	19 32	19 13	19 0	18 43	18 19	17 44	−0.8
	5	21 26	21 0	20 31	20 11	19 45	19 27	19 3	18 28	17 28	−1.0
	6	22 23	21 52	21 18	20 55	20 23	20 0	19 29	18 42	16 59	−1.1
	7	23 19	22 46	22 8	21 42	21 7	20 41	20 6	19 7	— —	−1.3
	8	— —	23 38	23 0	22 34	21 57	21 31	20 54	19 51	— —	−1.5
	9	0 12	— —	23 53	23 29	22 54	22 29	21 54	20 56	— —	−1.6
	10	1 2	0 30	— —	— —	23 54	23 33	23 2	22 15	20 24	−1.7
	11	1 50	1 21	0 48	0 26	— —	— —	— —	23 39	22 34	—
	12	2 34	2 10	1 42	1 23	0 57	0 39	0 15	— —	— —	−1.8
	13	3 16	2 57	2 35	2 21	2 1	1 48	1 30	1 4	0 22	−1.8

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite −10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	Änderung bei +50° Breite für 10° östl. Länge
1944	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Sept. 2	5 40	5 19	4 55	4 39	4 17	4 1	3 41	3 11	2 20	−2.3
3	6 34	6 21	6 5	5 55	5 41	5 32	5 19	5 2	4 34	−2.3
4	7 25	7 20	7 15	7 11	7 6	7 2	6 57	6 51	6 41	−2.3
5	8 15	8 19	8 23	8 25	8 29	8 31	8 34	8 38	8 44	−2.3
6	9 4	9 16	9 29	9 38	9 49	9 58	10 8	10 23	10 45	−2.2
7	9 54	10 12	10 34	10 48	11 8	11 22	11 40	12 5	12 47	−2.1
8	10 43	11 8	11 37	11 56	12 23	12 42	13 7	13 44	14 54	−2.0
9	11 34	12 4	12 38	13 1	13 33	13 55	14 27	15 16	17 32	−1.8
10	12 25	12 58	13 35	14 0	14 35	15 1	15 36	16 35	— —	−1.6
11	13 17	13 50	14 29	14 54	15 30	15 56	16 32	17 33	— —	−1.5
12	14 9	14 40	15 17	15 42	16 16	16 40	17 14	18 8	— —	−1.2
13	14 59	15 28	16 1	16 23	16 54	17 15	17 44	18 28	19 57	−1.0
14	15 48	16 13	16 41	17 0	17 25	17 43	18 6	18 40	19 35	−0.8
15	16 35	16 55	17 17	17 32	17 52	18 5	18 22	18 47	19 25	−0.7
16	17 22	17 35	17 51	18 1	18 15	18 24	18 35	18 51	19 15	−0.6
17	18 7	18 14	18 23	18 28	18 35	18 40	18 46	18 55	19 7	−0.6
18	18 51	18 52	18 53	18 54	18 55	18 56	18 56	18 57	18 59	−0.5
19	19 36	19 30	19 24	19 20	19 14	19 11	19 6	19 0	18 51	−0.6
20	20 21	20 9	19 56	19 47	19 35	19 27	19 17	19 3	18 42	−0.6
21	21 8	20 50	20 29	20 16	19 58	19 45	19 29	19 7	18 32	−0.7
22	21 57	21 33	21 6	20 48	20 24	20 7	19 45	19 13	18 20	−0.8
23	22 48	22 19	21 47	21 25	20 55	20 34	20 6	19 23	17 59	−1.0
24	23 41	23 9	22 32	22 8	21 33	21 9	20 35	19 40	— —	−1.2
25	— —	— —	23 24	22 58	22 21	21 55	21 18	20 15	— —	−1.5
26	0 36	0 3	— —	23 56	23 20	22 54	22 17	21 15	— —	−1.8
27	1 33	1 0	0 22	— —	— —	— —	23 34	22 42	— —	—
28	2 29	1 59	1 25	1 2	0 29	0 6	— —	— —	23 17	−2.0
29	3 24	3 0	2 31	2 12	1 46	1 27	1 2	0 25	— —	−2.2
30	4 18	4 0	3 40	3 26	3 8	2 55	2 38	2 14	1 35	−2.3
Okt. 1	5 10	5 0	4 49	4 42	4 32	4 25	4 17	4 4	3 46	−2.3
2	6 1	6 0	5 59	5 58	5 57	5 56	5 55	5 54	5 52	−2.3
3	6 51	6 58	7 7	7 13	7 21	7 26	7 33	7 42	7 56	−2.3
4	7 41	7 57	8 15	8 27	8 43	8 54	9 9	9 29	10 2	−2.2
5	8 32	8 55	9 21	9 39	10 3	10 20	10 42	11 15	12 12	−2.2
6	9 25	9 53	10 26	10 47	11 18	11 40	12 9	12 55	14 37	−2.0
7	10 18	10 50	11 26	11 51	12 26	12 52	13 26	14 23	— —	−1.8
8	11 11	11 44	12 23	12 49	13 26	13 53	14 29	15 32	— —	−1.5
9	12 4	12 37	13 15	13 40	14 16	14 42	15 17	16 15	— —	−1.2
10	12 55	13 26	14 0	14 24	14 56	15 20	15 50	16 39	18 32	−1.0
11	13 45	14 11	14 42	15 2	15 29	15 49	16 14	16 52	17 58	−0.8
12	14 32	14 54	15 19	15 35	15 57	16 12	16 31	16 59	17 43	−0.7
13	15 19	15 35	15 53	16 5	16 20	16 31	16 45	17 4	17 32	−0.6

Mondaufgang 1944

Mittlere Ortszeit — Meridian von Greenwich

Tag		Geographische Breite −10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	Änderung bei +50° Breite für 10° östl. Länge
1944		h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Okt.	13	3 16	2 57	2 35	2 21	2 1	1 48	1 30	1 4	0 22	−1.8
	14	3 55	3 43	3 28	3 18	3 5	2 56	2 44	2 28	2 3	−1.8
	15	4 34	4 28	4 20	4 15	4 9	4 5	3 59	3 51	3 39	−1.8
	16	5 12	5 12	5 12	5 12	5 13	5 13	5 13	5 13	5 14	−1.8
	17	5 50	5 57	6 5	6 10	6 17	6 22	6 28	6 37	6 50	−1.8
	18	6 30	6 43	6 58	7 8	7 22	7 32	7 44	8 2	8 28	−1.8
	19	7 11	7 31	7 53	8 8	8 29	8 43	9 2	9 29	10 14	−1.8
	20	7 55	8 20	8 49	9 9	9 36	9 54	10 20	10 59	12 11	−1.8
	21	8 42	9 12	9 46	10 9	10 42	11 5	11 37	12 28	— —	−1.8
	22	9 32	10 5	10 43	11 9	11 45	12 11	12 48	13 51	— —	−1.7
	23	10 26	11 0	11 39	12 5	12 43	13 10	13 49	14 55	— —	−1.5
	24	11 22	11 55	12 32	12 58	13 33	13 59	14 35	15 33	— —	−1.3
	25	12 19	12 49	13 22	13 45	14 16	14 38	15 8	15 53	17 33	−1.1
	26	13 18	13 42	14 9	14 28	14 53	15 10	15 32	16 5	17 0	−0.9
	27	14 16	14 33	14 53	15 6	15 23	15 35	15 50	16 12	16 44	−0.8
	28	15 14	15 23	15 34	15 41	15 50	15 57	16 5	16 16	16 32	−0.7
	29	16 12	16 13	16 14	16 15	16 16	16 17	16 18	16 19	16 21	−0.7
	30	17 10	17 2	16 54	16 49	16 41	16 37	16 31	16 23	16 11	−0.7
	31	18 8	17 53	17 35	17 24	17 9	16 58	16 45	16 27	16 0	−0.8
Nov.	1	19 8	18 45	18 19	18 2	17 39	17 23	17 2	16 33	15 48	−0.9
	2	20 7	19 38	19 5	18 44	18 14	17 53	17 25	16 43	15 24	−1.1
	3	21 5	20 32	19 55	19 30	18 56	18 31	17 57	17 1	— —	−1.3
	4	22 2	21 27	20 48	20 22	19 45	19 19	18 41	17 37	— —	−1.5
	5	22 55	22 21	21 43	21 17	20 41	20 15	19 38	18 35	— —	−1.6
	6	23 45	23 14	22 39	22 15	21 42	21 17	20 45	19 52	— —	−1.7
	7	— —	— —	23 34	23 14	22 45	22 25	21 58	21 17	19 56	−1.8
	8	0 31	0 4	— —	— —	23 50	23 34	23 13	22 44	21 53	−1.8
	9	1 14	0 53	0 28	0 12	— —	— —	— —	— —	23 37	—
	10	1 54	1 39	1 21	1 10	0 54	0 43	0 29	0 9	— —	−1.8
	11	2 33	2 24	2 14	2 7	1 58	1 52	1 43	1 32	1 15	−1.8
	12	3 11	3 9	3 6	3 4	3 2	3 0	2 58	2 55	2 51	−1.8
	13	3 49	3 53	3 58	4 2	4 6	4 9	4 13	4 19	4 27	−1.8
	14	4 28	4 39	4 52	5 0	5 11	5 19	5 29	5 43	6 5	−1.8
	15	5 9	5 27	5 47	6 0	6 18	6 31	6 48	7 11	7 49	−1.9
	16	5 52	6 16	6 43	7 1	7 26	7 44	8 7	8 42	9 44	−1.9
	17	6 39	7 7	7 40	8 3	8 34	8 56	9 26	10 14	12 11	−1.9
	18	7 29	8 1	8 39	9 4	9 39	10 5	10 42	11 43	— —	−1.7
	19	8 22	8 56	9 36	10 2	10 40	11 8	11 47	12 55	— —	−1.6
	20	9 17	9 51	10 30	10 56	11 33	12 0	12 38	13 41	— —	−1.4
	21	10 14	10 45	11 21	11 45	12 18	12 42	13 14	14 5	16 24	−1.1
	22	11 11	11 38	12 8	12 28	12 55	13 14	13 40	14 17	15 25	−0.9
	23	12 8	12 28	12 51	13 6	13 27	13 40	13 59	14 24	15 4	−0.8

Mittlere Ortszeit Meridian von Greenwich

Tag	Geographische Breite									Änderung bei +50° Breite für 10° östl. Länge
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	
1944	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Okt. 13	15 19	15 35	15 53	16 5	16 20	16 31	16 45	17 4	17 32	−0.6
14	16 5	16 14	16 25	16 32	16 42	16 48	16 56	17 7	17 23	−0.6
15	16 49	16 52	16 56	16 58	17 1	17 3	17 6	17 9	17 14	−0.5
16	17 34	17 31	17 27	17 24	17 21	17 18	17 15	17 11	17 6	−0.5
17	18 19	18 9	17 58	17 50	17 40	17 34	17 25	17 14	16 57	−0.6
18	19 6	18 49	18 31	18 19	18 2	17 51	17 37	17 17	16 46	−0.6
19	19 54	19 32	19 7	18 50	18 27	18 11	17 51	17 21	16 34	−0.7
20	20 45	20 17	19 46	19 25	18 56	18 36	18 9	17 29	16 15	−0.9
21	21 37	21 6	20 30	20 6	19 32	19 8	18 35	17 43	— —	−1.1
22	22 31	21 57	21 19	20 52	20 16	19 49	19 12	18 9	— —	−1.4
23	23 26	22 52	22 13	21 47	21 10	20 42	20 4	18 58	— —	−1.6
24	— —	23 49	23 13	22 48	22 13	21 48	21 13	20 15	— —	−1.9
25	0 21	— —	— —	2[illegible] 55	23 25	23 4	22 35	21 52	20 19	−2.1
26	1 14	0 47	0 16	— —	— —	— —	— —	23 35	22 44	—
27	2 6	1 45	1 21	1 5	0 42	0 27	0 6	— —	— —	−2.2
28	2 57	2 44	2 28	2 17	2 3	1 53	1 40	1 22	0 54	−2.3
29	3 47	3 41	3 35	3 31	3 25	3 21	3 16	3 9	2 59	−2.3
30	4 36	4 39	4 43	4 45	4 48	4 50	4 53	4 57	5 2	−2.3
31	5 26	5 37	5 51	5 59	6 11	6 19	6 30	6 44	7 7	−2.3
Nov. 1	6 17	6 36	6 58	7 13	7 34	7 47	8 6	8 33	9 16	−2.2
2	7 10	7 36	8 5	8 25	8 53	9 13	9 39	10 19	11 37	−2.1
3	8 4	8 35	9 10	9 34	10 8	10 32	11 5	11 59	— —	−2.0
4	8 59	9 32	10 11	10 37	11 14	11 40	12 18	13 21	— —	−1.7
5	9 54	10 28	11 6	11 33	12 10	12 36	13 14	14 17	— —	−1.4
6	10 47	11 19	11 56	12 21	12 55	13 20	13 54	14 49	— —	−1.1
7	11 38	12 7	12 40	13 2	13 32	13 53	14 21	15 4	16 27	−0.9
8	12 28	12 52	13 19	13 37	14 1	14 18	14 40	15 12	16 4	−0.8
9	13 15	13 33	13 54	14 8	14 26	14 39	14 55	15 17	15 51	−0.6
10	14 1	14 13	14 27	14 36	14 48	14 56	15 6	15 20	15 41	−0.6
11	14 46	14 52	14 58	15 2	15 8	15 11	15 16	15 22	15 31	−0.5
12	15 30	15 29	15 28	15 28	15 27	15 26	15 25	15 24	15 22	−0.5
13	16 15	16 8	15 59	15 54	15 46	15 41	15 35	15 26	15 13	−0.6
14	17 2	16 47	16 32	16 21	16 7	15 57	15 45	15 28	15 3	−0.6
15	17 50	17 30	17 6	16 51	16 30	16 16	15 58	15 31	14 50	−0.7
16	18 40	18 14	17 45	17 25	16 58	16 39	16 14	15 37	14 32	−0.8
17	19 33	19 2	18 27	18 4	17 31	17 8	16 37	15 48	13 50	−1.0
18	20 27	19 54	19 15	18 49	18 13	17 46	17 9	16 8	— —	−1.3
19	21 22	20 48	20 8	19 42	19 4	18 36	17 57	16 48	— —	−1.5
20	22 17	21 44	21 6	20 41	20 4	19 38	19 1	17 58	— —	−1.8
21	23 11	22 42	22 8	21 45	21 13	20 51	20 19	19 29	17 13	−2.0
22	— —	23 39	23 11	22 53	22 28	22 10	21 46	21 11	20 9	−2.1
23	0 2	— —	— —	— —	23 45	23 33	23 17	22 54	22 18	−2.2

Mondaufgang 1944

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite −10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	Änderung bei +50° Breite für 10° östl. Länge
1944	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Nov. 23	12 8	12 28	12 51	13 6	13 27	13 40	13 59	14 24	15 4	−0.8
24	13 4	13 17	13 32	13 41	13 54	14 2	14 13	14 28	14 51	−0.7
25	14 0	14 5	14 10	14 14	14 19	14 22	14 26	14 32	14 40	−0.7
26	14 56	14 52	14 48	14 46	14 43	14 41	14 38	14 34	14 29	−0.7
27	15 52	15 40	15 27	15 19	15 8	15 0	14 50	14 38	14 19	−0.7
28	16 50	16 30	16 8	15 54	15 35	15 22	15 5	14 42	14 7	−0.8
29	17 48	17 22	16 53	16 33	16 7	15 48	15 24	14 49	13 48	−1.0
30	18 47	18 16	17 41	17 17	16 45	16 22	15 50	15 1	13 9	−1.2
Dez. 1	19 46	19 12	18 33	18 7	17 30	17 4	16 27	15 25	— —	−1.4
2	20 42	20 8	19 28	19 2	18 24	17 57	17 19	16 13	— —	−1.6
3	21 35	21 2	20 25	20 0	19 24	18 59	18 23	17 23	— —	−1.7
4	22 24	21 55	21 22	21 0	20 28	20 6	20 36	18 48	16 54	−1.8
5	23 9	22 45	22 18	21 59	21 34	21 16	20 52	20 17	19 14	−1.8
6	23 51	23 33	23 12	22 58	22 39	22 26	22 9	21 45	21 6	−1.8
7	— —	— —	— —	23 56	23 44	23 36	23 25	23 10	22 47	−1.8
8	0 31	0 19	0 5	— —	— —	— —	— —	— —	— —	—
9	1 9	1 4	0 57	0 53	0 48	0 44	0 40	0 33	0 24	−1.8
10	1 46	1 48	1 50	1 51	1 52	1 53	1 54	1 56	1 59	−1.8
11	2 25	2 33	2 42	2 48	2 57	3 2	3 10	3 20	3 36	−1.8
12	3 5	3 19	3 36	3 48	4 3	4 13	4 27	4 47	5 17	−1.9
13	3 47	4 8	4 32	4 48	5 11	5 26	5 47	6 17	7 7	−1.9
14	4 32	4 59	5 30	5 50	6 19	6 40	7 7	7 50	9 16	−1.9
15	5 22	5 53	6 29	6 53	7 27	7 52	8 27	9 23	— —	−1.8
16	6 15	6 48	7 28	7 54	8 32	8 59	9 38	10 46	— —	−1.7
17	7 10	7 45	8 25	8 51	9 29	9 57	10 36	11 43	— —	−1.5
18	8 8	8 41	9 18	9 43	10 18	10 43	11 18	12 14	— —	−1.2
19	9 7	9 35	10 7	10 29	10 58	11 19	11 47	12 29	13 49	−1.0
20	10 4	10 26	10 52	11 9	11 31	11 47	12 8	12 37	13 24	−0.8
21	11 0	11 15	11 33	11 44	12 0	12 10	12 23	12 41	13 9	−0.7
22	11 55	12 3	12 11	12 17	12 24	12 29	12 36	12 44	12 57	−0.7
23	12 49	12 49	12 48	12 48	12 48	12 48	12 47	12 47	12 47	−0.6
24	13 44	13 35	13 26	13 19	13 11	13 6	12 59	12 49	12 36	−0.7
25	14 39	14 23	14 4	13 52	13 36	13 26	13 12	12 53	12 24	−0.7
26	15 35	15 12	14 46	14 29	14 5	13 49	13 28	12 58	12 10	−0.9
27	16 33	16 4	15 31	15 9	14 39	14 18	13 50	13 7	11 45	−1.0
28	17 31	16 58	16 20	15 55	15 20	14 55	14 20	13 24	— —	−1.3
29	18 28	17 53	17 14	16 47	16 10	15 43	15 4	13 58	— —	−1.5
30	19 22	18 49	18 10	17 44	17 7	16 41	16 3	14 59	— —	−1.7
31	20 14	19 43	19 8	18 44	18 10	17 46	17 13	16 20	— —	−1.8
32	21 1	20 35	20 5	19 44	19 16	18 56	18 29	17 48	16 28	−1.8

Monduntergang 1944

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite									Änderung bei +50 Breite für 10° östl. Länge
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	
1944	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Nov. 23	0 2	— —	— —	— —	23 45	23 33	23 17	22 54	22 18	−2.2
24	0 52	0 35	0 16	0 3	— —	— —	— —	— —	— —	—
25	1 40	1 31	1 20	1 14	1 4	0 58	0 49	0 38	0 20	−2.2
26	2 27	2 26	2 25	2 25	2 24	2 23	2 22	2 21	2 19	−2.2
27	3 15	3 22	3 31	3 36	3 44	3 49	3 56	4 5	4 19	−2.2
28	4 4	4 19	4 37	4 49	5 5	5 16	5 30	5 51	6 23	−2.2
29	4 55	5 17	5 43	6 1	6 25	6 42	7 4	7 38	8 36	−2.2
30	5 48	6 17	6 49	7 12	7 43	8 5	8 35	9 22	11 13	−2.1
Dez. 1	6 43	7 15	7 53	8 18	8 54	9 20	9 56	10 56	— —	−1.9
2	7 39	8 13	8 53	9 19	9 57	10 24	11 2	12 9	— —	−1.6
3	8 34	9 8	9 46	10 12	10 48	11 14	11 51	12 52	— —	−1.3
4	9 28	9 59	10 34	10 58	11 30	11 53	12 25	13 14	15 9	−1.0
5	10 19	10 46	11 16	11 36	12 3	12 22	12 47	13 24	14 29	−0.8
6	11 8	11 30	11 53	12 9	12 30	12 45	13 3	13 30	14 12	−0.7
7	11 55	12 10	12 27	12 38	12 53	13 3	13 16	13 34	14 0	−0.6
8	12 40	12 49	12 59	13 5	13 13	13 19	13 26	13 36	13 50	−0.5
9	13 25	13 27	13 29	13 31	13 32	13 34	13 35	13 37	13 40	−0.5
10	14 9	14 5	13 59	13 56	13 51	13 48	13 44	13 39	13 31	−0.5
11	14 55	14 44	14 31	14 23	14 11	14 4	13 54	13 40	13 21	−0.6
12	15 42	15 25	15 4	14 51	14 33	14 21	14 5	13 43	13 9	−0.7
13	16 32	16 8	15 41	15 23	14 59	14 42	14 19	13 47	12 54	−0.8
14	17 24	16 55	16 22	16 0	15 30	15 8	14 39	13 55	12 27	−1.0
15	18 19	17 46	17 9	16 44	16 8	15 43	15 8	14 10	— —	−1.2
16	19 15	18 41	18 1	17 34	16 56	16 29	15 50	14 42	— —	−1.5
17	20 12	19 38	18 59	18 33	17 55	17 28	16 49	15 42	— —	−1.8
18	21 7	20 36	20 1	19 37	19 3	18 39	18 5	17 10	— —	−2.0
19	22 0	21 34	21 5	20 45	20 17	19 57	19 31	18 51	17 34	−2.1
20	22 50	22 31	22 9	21 54	21 34	21 20	21 2	20 35	19 51	−2.2
21	23 38	23 27	23 13	23 4	22 52	22 44	22 33	22 18	21 55	−2.2
22	— —	— —	— —	— —	— —	— —	— —	— —	23 53	—
23	0 25	0 21	0 17	0 14	0 10	0 8	0 4	0 0	— —	−2.2
24	1 11	1 15	1 20	1 24	1 28	1 31	1 35	1 41	1 49	−2.2
25	1 58	2 10	2 24	2 34	2 46	2 55	3 7	3 22	3 47	−2.2
26	2 46	3 6	3 28	3 44	4 5	4 19	4 38	5 5	5 51	−2.2
27	3 37	4 3	4 33	4 53	5 21	5 41	6 8	6 49	8 9	−2.1
28	4 30	5 1	5 36	6 0	6 34	6 59	7 32	8 27	— —	−1.9
29	5 24	5 58	6 37	7 3	7 41	8 7	8 46	9 50	— —	−1.7
30	6 20	6 54	7 34	8 0	8 38	9 4	9 43	10 48	— —	−1.4
31	7 15	7 48	8 25	8 49	9 24	9 49	10 23	11 19	— —	−1.2
32	8 8	8 37	9 10	9 31	10 2	10 22	10 51	11 34	12 55	−0.9

Länge λ	Präzession in Länge p_λ, Breite β: 0°	+1°	+2°	+3°	+4°	+5°	+6°	+7°	+8°	+9°	Präz. in Br. p_β: Länge λ	Präzession p_β	
0°	50.268″	.259″	.251″	.243″	.235″	50.227″	.218″	.210″	.202″	.193″	0°	+0.046″	81
10	.268	.260	.252	.244	.236	.228	.220	.212	.204	.196	10	+0.127	76
20	.268	.260	.253	.245	.238	.230	.223	.215	.208	.200	20	+0.203	71
30	.268	.261	.254	.247	.241	.234	.227	.220	.214	.207	30	+0.274	62
40	50.268	.262	.256	.250	.244	50.239	.233	.227	.221	.215	40	+0.336	52
50	.268	.263	.258	.254	.249	.244	.240	.235	.230	.225	50	+0.388	41
60	.268	.264	.261	.257	.254	.250	.247	.244	.240	.237	60	+0.429	27
70	.268	.265	.263	.261	.259	.257	.255	.253	.251	.249	70	+0.456	13
80	50.268	.267	.266	.266	.265	50.264	.264	.263	.262	.262	80	+0.469	1
90	.268	.268	.269	.270	.271	.272	.272	.273	.274	.275	90	+0.468	15
100	.268	.270	.272	.274	.276	.279	.281	.283	.285	.288	100	+0.453	28
110	.268	.271	.275	.278	.282	.285	.289	.292	.296	.300	110	+0.425	42
120	50.268	.272	.277	.282	.287	50.291	.296	.301	.306	.311	120	+0.383	54
130	.268	.273	.279	.285	.291	.297	.303	.309	.315	.321	130	+0.329	63
140	.268	.274	.281	.288	.295	.301	.308	.315	.322	.329	140	+0.266	71
150	.268	.275	.282	.290	.297	.305	.313	.320	.328	.335	150	+0.195	78
160	50.268	.275	.283	.291	.299	50.307	.315	.323	.332	.340	160	+0.117	81
170	.268	.276	.284	.292	.300	.309	.317	.325	.333	.342	170	+0.036	82
180	.268	.276	.284	.292	.300	.308	.317	.325	.333	.342	180	−0.046	81
190	.268	.275	.283	.291	.299	.307	.315	.323	.331	.339	190	−0.127	76
200	50.268	.275	.282	.290	.297	50.305	.312	.320	.327	.335	200	−0.203	71
210	.268	.274	.281	.288	.294	.301	.308	.315	.321	.328	210	−0.274	62
220	.268	.273	.279	.285	.291	.296	.302	.308	.314	.320	220	−0.336	52
230	.268	.272	.277	.281	.286	.291	.295	.300	.305	.310	230	−0.388	41
240	50.268	.271	.274	.278	.281	50.285	.288	.291	.295	.298	240	−0.429	27
250	.268	.270	.272	.274	.276	.278	.280	.282	.284	.286	250	−0.456	13
260	.268	.268	.269	.269	.270	.271	.271	.272	.273	.273	260	−0.469	1
270	.268	.267	.266	.265	.264	.263	.263	.262	.261	.260	270	−0.468	15
280	50.268	.265	.263	.261	.259	50.256	.254	.252	.250	.247	280	−0.453	28
290	.268	.264	.260	.257	.253	.250	.246	.243	.239	.235	290	−0.425	42
300	.268	.263	.258	.253	.248	.244	.239	.234	.229	.224	300	−0.383	54
310	.268	.262	.256	.250	.244	.238	.232	.226	.220	.214	310	−0.329	63
320	50.268	.261	.254	.247	.240	50.234	.227	.220	.213	.206	320	−0.266	71
330	.268	.260	.253	.245	.238	.230	.222	.215	.207	.200	330	−0.195	78
340	.268	.260	.252	.244	.236	.228	.220	.212	.203	.195	340	−0.117	81
350	.268	.259	.251	.243	.235	.226	.218	.210	.202	.193	350	−0.036	82
360	50.268	.259	.251	.243	.235	50.227	.218	.210	.202	.193	360	+0.046	

Präzession in Länge p_λ											Präz. in Br. p_β		
Länge	Breite β										Länge	Präzession	
λ	0°	−1°	−2°	−3°	−4°	−5°	−6°	−7°	−8°	−9°	λ	p_β	
0°	50″.268	″.276	″.284	″.292	″.300	50″.308	″.317	″.325	″.333	″.342	0°	+0″.046	81
10	.268	.275	.283	.291	.299	.307	.315	.323	.331	.339	10	+0.127	76
20	.268	.275	.282	.290	.297	.305	.312	.320	.327	.335	20	+0.203	71
30	.268	.274	.281	.288	.294	.301	.308	.315	.321	.328	30	+0.274	62
40	50.268	.273	.279	.285	.291	50.296	.302	.308	.314	.320	40	+0.336	52
50	.268	.272	.277	.281	.286	.291	.295	.300	.305	.310	50	+0.388	41
60	.268	.271	.274	.278	.281	.285	.288	.291	.295	.298	60	+0.429	27
70	.268	.270	.272	.274	.276	.278	.280	.282	.284	.286	70	+0.456	13
80	50.268	.268	.269	.269	.270	50.271	.271	.272	.273	.273	80	+0.469	1
90	.268	.267	.266	.265	.264	.263	.263	.262	.261	.260	90	+0.468	15
100	.268	.265	.263	.261	.259	.256	.254	.252	.250	.247	100	+0.453	28
110	.268	.264	.260	.257	.253	.250	.246	.243	.239	.235	110	+0.425	42
120	50.268	.263	.258	.253	.248	50.244	.239	.234	.229	.224	120	+0.383	54
130	.268	.262	.256	.250	.244	.238	.232	.226	.220	.214	130	+0.329	63
140	.268	.261	.254	.247	.240	.234	.227	.220	.216	.206	140	+0.266	71
150	.268	.260	.253	.245	.238	.230	.222	.215	.207	.200	150	+0.195	78
160	50.268	.260	.252	.244	.236	50.228	.220	.212	.203	.195	160	+0.117	81
170	.268	.259	.251	.243	.235	.226	.218	.210	.202	.193	170	+0.036	82
180	.268	.259	.251	.243	.235	.227	.218	.210	.202	.193	180	−0.046	81
190	.268	.260	.252	.244	.236	.228	.220	.212	.204	.196	190	−0.127	76
200	50.268	.260	.253	.245	.238	50.230	.223	.215	.208	.200	200	−0.203	71
210	.268	.261	.254	.247	.241	.234	.227	.220	.214	.207	210	−0.274	62
220	.268	.262	.256	.250	.244	.239	.233	.227	.221	.215	220	−0.336	52
230	.268	.263	.258	.254	.249	.244	.240	.235	.230	.225	230	−0.388	41
240	50.268	.264	.261	.257	.254	50.250	.247	.244	.240	.237	240	−0.429	27
250	.268	.265	.263	.261	.259	.257	.255	.253	.251	.249	250	−0.456	13
260	.268	.267	.266	.266	.265	.264	.264	.263	.262	.262	260	−0.469	1
270	.268	.268	.269	.270	.271	.272	.272	.273	.274	.275	270	−0.468	15
280	50.268	.270	.272	.274	.276	50.279	.281	.283	.285	.288	280	−0.453	28
290	.268	.271	.275	.278	.282	.285	.289	.292	.296	.300	290	−0.425	42
300	.268	.272	.277	.282	.287	.291	.296	.301	.306	.311	300	−0.383	54
310	.268	.273	.279	.285	.291	.297	.303	.309	.315	.321	310	−0.329	63
320	50.268	.274	.281	.288	.295	50.301	.308	.315	.322	.329	320	−0.266	71
330	.268	.275	.282	.290	.297	.305	.313	.320	.328	.335	330	−0.195	78
340	.268	.275	.283	.291	.299	.307	.315	.323	.332	.340	340	−0.117	81
350	.268	.276	.284	.292	.300	.309	.317	.325	.333	.342	350	−0.036	82
360	50.268	.276	.284	.292	.300	50.308	.317	.325	.333	.342	360	+0.046	

Präzession in Rektaszension (p_α) und Deklination (p_δ)

α \ δ	p_α +60°	+50°	+40°	+30°	+20°	+10°	0°	−10°	−20°	−30°	−40°	−50°	−60°	p_δ
h	s	s	s	s	s	s	s	s	s	s	s	s	s	"
0	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	+20.0
1	3.67	3.48	3.36	3.27	3.20	3.13	3.07	3.01	2.95	2.87	2.78	2.66	2.47	+19.4
2	4.23	3.87	3.63	3.46	3.32	3.19	3.07	2.95	2.83	2.69	2.51	2.28	1.92	+17.4
3	4.71	4.20	3.87	3.62	3.42	3.24	3.07	2.91	2.73	2.53	2.28	1.95	1.44	+14.2
4	5.08	4.45	4.04	3.74	3.49	3.28	3.07	2.87	2.65	2.41	2.10	1.69	1.07	+10.0
5	5.31	4.61	4.16	3.82	3.54	3.30	3.07	2.84	2.60	2.33	1.99	1.53	0.84	+ 5.2
6	5.39	4.67	4.19	3.84	3.56	3.31	3.07	2.84	2.59	2.30	1.95	1.48	0.76	0.0
7	5.31	4.61	4.16	3.82	3.54	3.30	3.07	2.84	2.60	2.33	1.99	1.53	0.84	− 5.2
8	5.08	4.45	4.04	3.74	3.49	3.28	3.07	2.87	2.65	2.41	2.10	1.69	1.07	−10.0
9	4.71	4.20	3.87	3.62	3.42	3.24	3.07	2.91	2.73	2.53	2.28	1.95	1.44	−14.2
10	4.23	3.87	3.63	3.46	3.32	3.19	3.07	2.95	2.83	2.69	2.51	2.28	1.92	−17.4
11	3.67	3.48	3.36	3.27	3.20	3.13	3.07	3.01	2.95	2.87	2.78	2.66	2.47	−19.4
12	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	−20.0
13	2.47	2.66	2.78	2.87	2.95	3.01	3.07	3.13	3.20	3.27	3.36	3.48	3.67	−19.4
14	1.92	2.28	2.51	2.69	2.83	2.95	3.07	3.19	3.32	3.46	3.63	3.87	4.23	−17.4
15	1.44	1.95	2.28	2.53	2.73	2.91	3.07	3.24	3.42	3.62	3.87	4.20	4.71	−14.2
16	1.07	1.69	2.10	2.41	2.65	2.87	3.07	3.28	3.49	3.74	4.04	4.45	5.08	−10.0
17	0.84	1.53	1.99	2.33	2.60	2.84	3.07	3.30	3.54	3.82	4.16	4.61	5.31	− 5.2
18	0.76	1.48	1.95	2.30	2.59	2.84	3.07	3.31	3.56	3.84	4.19	4.67	5.39	0.0
19	0.84	1.53	1.99	2.33	2.60	2.84	3.07	3.30	3.54	3.82	4.16	4.61	5.31	+ 5.2
20	1.07	1.69	2.10	2.41	2.65	2.87	3.07	3.28	3.49	3.74	4.04	4.45	5.08	+10.0
21	1.44	1.95	2.28	2.53	2.73	2.91	3.07	3.24	3.42	3.62	3.87	4.20	4.71	+14.2
22	1.92	2.28	2.51	2.69	2.83	2.95	3.07	3.19	3.32	3.46	3.63	3.87	4.23	+17.4
23	2.47	2.66	2.78	2.87	2.95	3.01	3.07	3.13	3.20	3.27	3.36	3.48	3.67	+19.4
24	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	+20.0

Präzessionswerte und Schiefe der Ekliptik

Zeit	m	n	n	ψ	log π	Π	ε
	s	"	s	"		° ′	° ′ "
1900.0	3.07234	20.0468	1.33646	50.2564	9.67309	173 57.06	23 27 8.26
1905.0	3.07243	20.0464	1.33643	50.2575	9.67305	173 59.80	23 27 5.92
1910.0	3.07252	20.0460	1.33640	50.2586	9.67302	174 2.53	23 27 3.57
1915.0	3.07262	20.0456	1.33637	50.2597	9.67299	174 5.27	23 27 1.23
1920.0	3.07271	20.0451	1.33634	50.2608	9.67296	174 8.01	23 26 58.89
1925.0	3.07280	20.0447	1.33632	50.2620	9.67293	174 10.75	23 26 56.54
1930.0	3.07289	20.0443	1.33629	50.2631	9.67290	174 13.49	23 26 54.20
1935.0	3.07299	20.0439	1.33626	50.2642	9.67287	174 16.23	23 26 51.86
1940.0	3.07308	20.0434	1.33623	50.2653	9.67284	174 18.97	23 26 49.52
1945.0	3.07317	20.0430	1.33620	50.2664	9.67281	174 21.71	23 26 47.17
1950.0	3.07327	20.0426	1.33617	50.2675	9.67278	174 24.45	23 26 44.83

′	″	°	′	″	°	″	°	″	°
0	0.0	0.000	3	0.0	0.050	0.000	0.00000	1.800	0.00050
	3.6	01		3.6	51	036	01	836	51
	7.2	02		7.2	52	072	02	872	52
	10.8	03		10.8	53	108	03	908	53
	14.4	04		14.4	54	144	04	944	54
0	18.0	0.005	3	18.0	0.055	0.180	0.00005	1.980	0.00055
	21.6	06		21.6	56	216	06	2.016	56
	25.2	07		25.2	57	252	07	052	57
	28.8	08		28.8	58	288	08	088	58
	32.4	09		32.4	59	324	09	124	59
0	36.0	0.010	3	36.0	0.060	0.360	0.00010	2.160	0.00060
	39.6	11		39.6	61	396	11	196	61
	43.2	12		43.2	62	432	12	232	62
	46.8	13		46.8	63	468	13	268	63
	50.4	14		50.4	64	504	14	304	64
	54.0	0.015		54.0	0.065	0.540	0.00015	2.340	0.00065
0	57.6	16	3	57.6	66	576	16	376	66
1	1.2	17	4	1.2	67	612	17	412	67
	4.8	18		4.8	68	648	18	448	68
	8.4	19		8.4	69	684	19	484	69
1	12.0	0.020	4	12.0	0.070	0.720	0.00020	2.520	0.00070
	15.6	21		15.6	71	756	21	556	71
	19.2	22		19.2	72	792	22	592	72
	22.8	23		22.8	73	828	23	628	73
	26.4	24		26.4	74	864	24	664	74
1	30.0	0.025	4	30.0	0.075	0.900	0.00025	2.700	0.00075
	33.6	26		33.6	76	936	26	736	76
	37.2	27		37.2	77	0.972	27	772	77
	40.8	28		40.8	78	1.008	28	808	78
	44.4	29		44.4	79	044	29	844	79
1	48.0	0.030	4	48.0	0.080	1.080	0.00030	2.880	0.00080
	51.6	31		51.6	81	116	31	916	81
	55.2	32		55.2	82	152	32	952	82
1	58.8	33	4	58.8	83	188	33	2.988	83
2	2.4	34	5	2.4	84	224	34	3.024	84
	6.0	0.035		6.0	0.085	1.260	0.00035	060	0.00085
	9.6	36		9.6	86	296	36	096	86
	13.2	37		13.2	87	332	37	132	87
	16.8	38		16.8	88	368	38	168	88
	20.4	39		20.4	89	404	39	204	89
2	24.0	0.040	5	24.0	0.090	1.440	0.00040	3.240	0.00090
	27.6	41		27.6	91	476	41	276	91
	31.2	42		31.2	92	512	42	312	92
	34.8	43		34.8	93	548	43	348	93
	38.4	44		38.4	94	584	44	384	94
2	42.0	0.045	5	42.0	0.095	1.620	0.00045	3.420	0.00095
	45.6	46		45.6	96	656	46	456	96
	49.2	47		49.2	97	692	47	492	97
	52.8	48		52.8	98	728	48	528	98
2	56.4	49	5	56.4	99	764	49	564	99
3	0.0	0.050	6	0.0	0.100	1.800	0.00050	3.600	0.00100

Verwandlung von mittlerer Zeit in Sternzeit

Red.	0^m	1^m	2^m	3^m
s	h m s	h m s	h m s	h m s
0	0 0 0	6 5 15	12 10 29	18 15 44
1	0 6 5	6 11 20	12 16 34	18 21 49
2	0 12 10	6 17 25	12 22 40	18 27 54
3	0 18 16	6 23 30	12 28 45	18 33 59
4	0 24 21	6 29 36	12 34 50	18 40 5
5	0 30 26	6 35 41	12 40 55	18 46 10
6	0 36 31	6 41 46	12 47 1	18 52 15
7	0 42 37	6 47 51	12 53 6	18 58 20
8	0 48 42	6 53 56	12 59 11	19 4 26
9	0 54 47	7 0 2	13 5 16	19 10 31
10	1 0 52	7 6 7	13 11 21	19 16 36
11	1 6 58	7 12 12	13 17 27	19 22 41
12	1 13 3	7 18 17	13 23 32	19 28 47
13	1 19 8	7 24 23	13 29 37	19 34 52
14	1 25 13	7 30 28	13 35 42	19 40 57
15	1 31 19	7 36 33	13 41 48	19 47 2
16	1 37 24	7 42 38	13 47 53	19 53 7
17	1 43 29	7 48 44	13 53 58	19 59 13
18	1 49 34	7 54 49	14 0 3	20 5 18
19	1 55 40	8 0 54	14 6 9	20 11 23
20	2 1 45	8 6 59	14 12 14	20 17 28
21	2 7 50	8 13 5	14 18 19	20 23 34
22	2 13 55	8 19 10	14 24 24	20 29 39
23	2 20 1	8 25 15	14 30 30	20 35 44
24	2 26 6	8 31 20	14 36 35	20 41 49
25	2 32 11	8 37 26	14 42 40	20 47 55
26	2 38 16	8 43 31	14 48 45	20 54 0
27	2 44 22	8 49 36	14 54 51	21 0 5
28	2 50 27	8 55 41	15 0 56	21 6 10
29	2 56 32	9 1 47	15 7 1	21 12 16
30	3 2 37	9 7 52	15 13 6	21 18 21
31	3 8 43	9 13 57	15 19 12	21 24 26
32	3 14 48	9 20 2	15 25 17	21 30 31
33	3 20 53	9 26 8	15 31 22	21 36 37
34	3 26 58	9 32 13	15 37 27	21 42 42
35	3 33 3	9 38 18	15 43 33	21 48 47
36	3 39 9	9 44 23	15 49 38	21 54 52
37	3 45 14	9 50 28	15 55 43	22 0 58
38	3 51 19	9 56 34	16 1 48	22 7 3
39	3 57 24	10 2 39	16 7 54	22 13 8
40	4 3 30	10 8 44	16 13 59	22 19 13
41	4 9 35	10 14 49	16 20 4	22 25 19
42	4 15 40	10 20 55	16 26 9	22 31 24
43	4 21 45	10 27 0	16 32 14	22 37 29
44	4 27 51	10 33 5	16 38 20	22 43 34
45	4 33 56	10 39 10	16 44 25	22 49 39
46	4 40 1	10 45 16	16 50 30	22 55 45
47	4 46 6	10 51 21	16 56 35	23 1 50
48	4 52 12	10 57 26	17 2 41	23 7 55
49	4 58 17	11 3 31	17 8 46	23 14 0
50	5 4 22	11 9 37	17 14 51	23 20 6
51	5 10 27	11 15 42	17 20 56	23 26 11
52	5 16 33	11 21 47	17 27 2	23 32 16
53	5 22 38	11 27 52	17 33 7	23 38 21
54	5 28 43	11 33 58	17 39 12	23 44 27
55	5 34 48	11 40 3	17 45 17	23 50 32
56	5 40 54	11 46 8	17 51 23	23 56 37
57	5 46 59	11 52 13	17 57 28	24 2 42
58	5 53 4	11 58 19	18 3 33	24 8 48
59	5 59 9	12 4 24	18 9 38	24 14 53

Red.		Red.	
s	m s	s	m s
0.00	0 0	0.50	3 3
0.01	0 4	0.51	3 6
0.02	0 7	0.52	3 10
0.03	0 11	0.53	3 14
0.04	0 15	0.54	3 17
0.05	0 18	0.55	3 21
0.06	0 22	0.56	3 25
0.07	0 26	0.57	3 28
0.08	0 29	0.58	3 32
0.09	0 33	0.59	3 35
0.10	0 37	0.60	3 39
0.11	0 40	0.61	3 43
0.12	0 44	0.62	3 46
0.13	0 47	0.63	3 50
0.14	0 51	0.64	3 54
0.15	0 55	0.65	3 57
0.16	0 58	0.66	4 1
0.17	1 2	0.67	4 5
0.18	1 6	0.68	4 8
0.19	1 9	0.69	4 12
0.20	1 13	0.70	4 16
0.21	1 17	0.71	4 19
0.22	1 20	0.72	4 23
0.23	1 24	0.73	4 27
0.24	1 28	0.74	4 30
0.25	1 31	0.75	4 34
0.26	1 35	0.76	4 38
0.27	1 39	0.77	4 41
0.28	1 42	0.78	4 45
0.29	1 46	0.79	4 49
0.30	1 50	0.80	4 52
0.31	1 53	0.81	4 56
0.32	1 57	0.82	4 59
0.33	2 1	0.83	5 3
0.34	2 4	0.84	5 7
0.35	2 8	0.85	5 10
0.36	2 11	0.86	5 14
0.37	2 15	0.87	5 18
0.38	2 19	0.88	5 21
0.39	2 22	0.89	5 25
0.40	2 26	0.90	5 29
0.41	2 30	0.91	5 32
0.42	2 33	0.92	5 36
0.43	2 37	0.93	5 40
0.44	2 41	0.94	5 43
0.45	2 44	0.95	5 47
0.46	2 48	0.96	5 51
0.47	2 52	0.97	5 54
0.48	2 55	0.98	5 58
0.49	2 59	0.99	6 2
0.50	3 3	1.00	6 5

Die Reduktion ist zur mittleren Zeit zu addieren.

Red.	0^m	1^m	2^m	3^m	Red.		Red.	
s	h m s	h m s	h m s	h m s	s	m s	s	m s
0	0 0 0	6 6 15	12 12 29	18 18 44	0.00	0 0	0.50	3 3
1	0 6 6	6 12 21	12 18 35	18 24 50	0.01	0 4	0.51	3 7
2	0 12 12	6 18 27	12 24 42	18 30 56	0.02	0 7	0.52	3 10
3	0 18 19	6 24 33	12 30 48	18 37 2	0.03	0 11	0.53	3 14
4	0 24 25	6 30 40	12 36 54	18 43 9	0.04	0 15	0.54	3 18
5	0 30 31	6 36 46	12 43 0	18 49 15	0.05	0 18	0.55	3 21
6	0 36 37	6 42 52	12 49 7	18 55 21	0.06	0 22	0.56	3 25
7	0 42 44	6 48 58	12 55 13	19 1 27	0.07	0 26	0.57	3 29
8	0 48 50	6 55 4	13 1 19	19 7 34	0.08	0 29	0.58	3 32
9	0 54 56	7 1 11	13 7 25	19 13 40	0.09	0 33	0.59	3 36
10	1 1 2	7 7 17	13 13 31	19 19 46	0.10	0 37	0.60	3 40
11	1 7 9	7 13 23	13 19 38	19 25 52	0.11	0 40	0.61	3 43
12	1 13 15	7 19 29	13 25 44	19 31 59	0.12	0 44	0.62	3 47
13	1 19 21	7 25 36	13 31 50	19 38 5	0.13	0 48	0.63	3 51
14	1 25 27	7 31 42	13 37 56	19 44 11	0.14	0 51	0.64	3 54
15	1 31 34	7 37 48	13 44 3	19 50 17	0.15	0 55	0.65	3 58
16	1 37 40	7 43 54	13 50 9	19 56 23	0.16	0 59	0.66	4 2
17	1 43 46	7 50 1	13 56 15	20 2 30	0.17	1 2	0.67	4 5
18	1 49 52	7 56 7	14 2 21	20 8 36	0.18	1 6	0.68	4 9
19	1 55 59	8 2 13	14 8 28	20 14 42	0.19	1 10	0.69	4 13
20	2 2 5	8 8 19	14 14 34	20 20 48	0.20	1 13	0.70	4 16
21	2 8 11	8 14 26	14 20 40	20 26 55	0.21	1 17	0.71	4 20
22	2 14 17	8 20 32	14 26 46	20 33 1	0.22	1 21	0.72	4 24
23	2 20 24	8 26 38	14 32 53	20 39 7	0.23	1 24	0.73	4 27
24	2 26 30	8 32 44	14 38 59	20 45 13	0.24	1 28	0.74	4 31
25	2 32 36	8 38 51	14 45 5	20 51 20	0.25	1 32	0.75	4 35
26	2 38 42	8 44 57	14 51 11	20 57 26	0.26	1 35	0.76	4 38
27	2 44 49	8 51 3	14 57 18	21 3 32	0.27	1 39	0.77	4 42
28	2 50 55	8 57 9	15 3 24	21 9 38	0.28	1 43	0.78	4 46
29	2 57 1	9 3 16	15 9 30	21 15 45	0.29	1 46	0.79	4 49
30	3 3 7	9 9 22	15 15 36	21 21 51	0.30	1 50	0.80	4 53
31	3 9 14	9 15 28	15 21 43	21 27 57	0.31	1 54	0.81	4 57
32	3 15 20	9 21 34	15 27 49	21 34 3	0.32	1 57	0.82	5 0
33	3 21 26	9 27 41	15 33 55	21 40 10	0.33	2 1	0.83	5 4
34	3 27 32	9 33 47	15 40 1	21 46 16	0.34	2 5	0.84	5 8
35	3 33 38	9 39 53	15 46 8	21 52 22	0.35	2 8	0.85	5 11
36	3 39 45	9 45 59	15 52 14	21 58 28	0.36	2 12	0.86	5 15
37	3 45 51	9 52 5	15 58 20	22 4 35	0.37	2 16	0.87	5 19
38	3 51 57	9 58 12	16 4 26	22 10 41	0.38	2 19	0.88	5 22
39	3 58 3	10 4 18	16 10 33	22 16 47	0.39	2 23	0.89	5 26
40	4 4 10	10 10 24	16 16 39	22 22 53	0.40	2 26	0.90	5 30
41	4 10 16	10 16 30	16 22 45	22 29 0	0.41	2 30	0.91	5 33
42	4 16 22	10 22 37	16 28 51	22 35 6	0.42	2 34	0.92	5 37
43	4 22 28	10 28 43	16 34 57	22 41 12	0.43	2 37	0.93	5 41
44	4 28 35	10 34 49	16 41 4	22 47 18	0.44	2 41	0.94	5 44
45	4 34 41	10 40 55	16 47 10	22 53 24	0.45	2 45	0.95	5 48
46	4 40 47	10 47 2	16 53 16	22 59 31	0.46	2 48	0.96	5 52
47	4 46 53	10 53 8	16 59 22	23 5 37	0.47	2 52	0.97	5 55
48	4 53 0	10 59 14	17 5 29	23 11 43	0.48	2 56	0.98	5 59
49	4 59 6	11 5 20	17 11 35	23 17 49	0.49	2 59	0.99	6 3
50	5 5 12	11 11 27	17 17 41	23 23 56	0.50	3 3	1.00	6 6
51	5 11 18	11 17 33	17 23 47	23 30 2				
52	5 17 25	11 23 39	17 29 54	23 36 8				
53	5 23 31	11 29 45	17 36 0	23 42 14				
54	5 29 37	11 35 52	17 42 6	23 48 21				
55	5 35 43	11 41 58	17 48 12	23 54 27				
56	5 41 50	11 48 4	17 54 19	24 0 33				
57	5 47 56	11 54 10	18 0 25	24 6 39				
58	5 54 2	12 0 17	18 6 31	24 12 46				
59	6 0 8	12 6 23	18 12 37	24 18 52				

Die Reduktion ist von der Sternzeit zu subtrahieren.

Red.	0m	1m	2m	3m	Red.
s	h m s	h m s	h m s	h m s	s
0	0 0 0.0	6 5 14.5	12 10 29.1	18 15 43.6	0
1	6 5.2	11 19.8	16 34.3	21 48.8	1
2	12 10.5	17 25.0	22 39.6	27 54.1	2
3	18 15.7	23 30.3	28 44.8	33 59.3	3
4	24 21.0	29 35.5	34 50.0	40 4.6	4
5	30 26.2	35 40.7	40 55.3	46 9.8	5
6	36 31.5	41 46.0	47 0.5	52 15.1	6
7	42 36.7	47 51.2	53 5.8	18 58 20.3	7
8	48 41.9	6 53 56.5	12 59 11.0	19 4 25.5	8
9	0 54 47.2	7 0 1.7	13 5 16.2	10 30.8	9
10	1 0 52.4	6 7.0	11 21.5	16 36.0	10
11	6 57.7	12 12.2	17 26.7	22 41.3	11
12	13 2.9	18 17.4	23 32.0	28 46.5	12
13	19 8.1	24 22.7	29 37.2	34 51.8	13
14	25 13.4	30 27.9	35 42.5	40 57.0	14
15	31 18.6	36 33.2	41 47.7	47 2.2	15
16	37 23.9	42 38.4	47 52.9	53 7.5	16
17	43 29.1	48 43.7	13 53 58.2	19 59 12.7	17
18	49 34.4	7 54 48.9	14 0 3.4	20 5 18.0	18
19	1 55 39.6	8 0 54.1	6 8.7	11 23.2	19
20	2 1 44.8	6 59.4	12 13.9	17 28.4	20
21	7 50.1	13 4.6	18 19.2	23 33.7	21
22	13 55.3	19 9.9	24 24.4	29 38.9	22
23	20 0.6	25 15.1	30 29.6	35 44.2	23
24	26 5.8	31 20.3	36 34.9	41 49.4	24
25	32 11.1	37 25.6	42 40.1	47 54.7	25
26	38 16.3	43 30.8	48 45.4	20 53 59.9	26
27	44 21.5	49 36.1	14 54 50.6	21 0 5.1	27
28	50 26.8	8 55 41.3	15 0 55.9	6 10.4	28
29	2 56 32.0	9 1 46.6	7 1.1	12 15.6	29
30	3 2 37.3	7 51.8	13 6.3	18 20.9	30
31	8 42.5	13 57.0	19 11.6	24 26.1	31
32	14 47.8	20 2.3	25 16.8	30 31.4	32
33	20 53.0	26 7.5	31 22.1	36 36.6	33
34	26 58.2	32 12.8	37 27.3	42 41.8	34
35	33 3.5	38 18.0	43 32.5	48 47.1	35
36	39 8.7	44 23.3	49 37.8	21 54 52.3	36
37	45 14.0	50 28.5	15 55 43.0	22 0 57.6	37
38	51 19.2	9 56 33.7	16 1 48.3	7 2.8	38
39	3 57 24.4	10 2 39.0	7 53.5	13 8.0	39
40	4 3 29.7	8 44.2	13 58.8	19 13.3	40
41	9 34.9	14 49.5	20 4.0	25 18.5	41
42	15 40.2	20 54.7	26 9.2	31 23.8	42
43	21 45.4	27 0.0	32 14.5	37 29.0	43
44	27 50.7	33 5.2	38 19.7	43 34.3	44
45	33 55.9	39 10.4	44 25.0	49 39.5	45
46	40 1.1	45 15.7	50 30.2	22 55 44.7	46
47	46 6.4	51 20.9	16 56 35.5	23 1 50.0	47
48	52 11.6	10 57 26.2	17 2 40.7	7 55.2	48
49	4 58 16.9	11 3 31.4	8 45.9	14 0.5	49
50	5 4 22.1	9 36.6	14 51.2	20 5.7	50
51	10 27.4	15 41.9	20 56.4	26 11.0	51
52	16 32.6	21 47.1	27 1.7	32 16.2	52
53	22 37.8	27 52.4	33 6.9	38 21.4	53
54	28 43.1	33 57.6	39 12.1	44 26.7	54
55	34 48.3	40 2.9	45 17.4	50 31.9	55
56	40 53.6	46 8.1	51 22.6	23 56 37.2	56
57	46 58.8	52 13.3	17 57 27.9	24 2 42.4	57
58	53 4.0	11 58 18.6	18 3 33.1	8 47.7	58
59	5 59 9.3	12 4 23.8	18 9 38.4	24 14 52.9	59

Die Reduktion ist zur mittleren Zeit zu addieren.

Red.		Red.	
s	m s	s	m s
0.00	0 0.0	0.50	3 2.6
01	3.7	51	6.3
02	7.3	52	9.9
03	11.0	53	13.6
04	14.6	54	17.2
0.05	18.3	0.55	20.9
06	21.9	56	24.5
07	25.6	57	28.2
08	29.2	58	31.8
09	32.9	59	35.5
0.10	36.5	0.60	39.1
11	40.2	61	42.8
12	43.8	62	46.5
13	47.5	63	50.1
14	51.1	64	53.8
0.15	54.8	0.65	3 57.4
16	0 58.4	66	4 1.1
17	1 2.1	67	4.7
18	5.7	68	8.4
19	9.4	69	12.0
0.20	13.0	0.70	15.7
21	16.7	71	19.3
22	20.4	72	23.0
23	24.0	73	26.6
24	27.7	74	30.3
0.25	31.3	0.75	33.9
26	35.0	76	37.6
27	38.6	77	41.2
28	42.3	78	44.9
29	45.9	79	48.5
0.30	49.6	0.80	52.2
31	53.2	81	55.8
32	1 56.9	82	4 59.5
33	2 0.5	83	5 3.2
34	4.2	84	6.8
0.35	7.8	0.85	10.5
36	11.5	86	14.1
37	15.1	87	17.8
38	18.8	88	21.4
39	22.4	89	25.1
0.40	26.1	0.90	28.7
41	29.7	91	32.4
42	33.4	92	36.0
43	37.1	93	39.7
44	40.7	94	43.3
0.45	44.4	0.95	47.0
46	48.0	96	50.6
47	51.7	97	54.3
48	55.3	98	5 57.9
0.49	2 59.0	0.99	6 1.6

Red.		Red.		Red.	
s	s	s	s	s	s
0.000		0.003		0.006	
	0.2		1.3		2.4
001		004		007	
	0.5		1.6		2.7
002		005		008	
	0.9		2.0		3.1
003		006		009	
	1.3		2.4		3.5
0.004		0.007		0.010	
					3.8

Red.	0m	1m	2m	3m	Red.
s	h m s	h m s	h m s	h m s	s
0	0 0 0.0	6 6 14.5	12 12 29.1	18 18 43.6	0
1	6 6.2	12 20.8	18 35.3	24 49.9	1
2	12 12.5	18 27.0	24 41.6	30 56.1	2
3	18 18.7	24 33.3	30 47.8	37 2.3	3
4	24 25.0	30 39.5	36 54.0	43 8.6	4
5	30 31.2	36 45.7	43 0.3	49 14.8	5
6	36 37.5	42 52.0	49 6.5	18 55 21.1	6
7	42 43.7	48 58.2	12 55 12.8	19 1 27.3	7
8	48 49.9	6 55 4.5	13 1 19.0	7 33.5	8
9	0 54 56.2	7 1 10.7	7 25.3	13 39.8	9
10	1 1 2.4	7 17.0	13 31.5	19 46.0	10
11	7 8.7	13 23.2	19 37.7	25 52.3	11
12	13 14.9	19 29.4	25 44.0	31 58.5	12
13	19 21.1	25 35.7	31 50.2	38 4.8	13
14	25 27.4	31 41.9	37 56.5	44 11.0	14
15	31 33.6	37 48.2	44 2.7	50 17.2	15
16	37 39.9	43 54.4	50 8.9	19 56 23.5	16
17	43 46.1	50 0.7	13 56 15.2	20 2 29.7	17
18	49 52.4	7 56 6.9	14 2 21.4	8 36.0	18
19	1 55 58.6	8 2 13.1	8 27.7	14 42.2	19
20	2 2 4.8	8 19.4	14 33.9	20 48.5	20
21	8 11.1	14 25.6	20 40.2	26 54.7	21
22	14 17.3	20 31.9	26 46.4	33 0.9	22
23	20 23.6	26 38.1	32 52.6	39 7.2	23
24	26 29.8	32 44.4	38 58.9	45 13.4	24
25	32 36.1	38 50.6	45 5.1	51 19.7	25
26	38 42.3	44 56.8	51 11.4	20 57 25.9	26
27	44 48.5	51 3.1	14 57 17.6	21 3 32.2	27
28	50 54.8	8 57 9.3	15 3 23.9	9 38.4	28
29	2 57 1.0	9 3 15.6	9 30.1	15 44.6	29
30	3 3 7.3	9 21.8	15 36.3	21 50.9	30
31	9 13.5	15 28.0	21 42.6	27 57.1	31
32	15 19.8	21 34.3	27 48.8	34 3.4	32
33	21 26.0	27 40.5	33 55.1	40 9.6	33
34	27 32.2	33 46.8	40 1.3	46 15.8	34
35	33 38.5	39 53.0	46 7.6	52 22.1	35
36	39 44.7	45 59.3	52 13.8	21 58 28.3	36
37	45 51.0	52 5.5	15 58 20.0	22 4 34.6	37
38	51 57.2	9 58 11.7	16 4 26.3	10 40.8	38
39	3 58 3.4	10 4 18.0	10 32.5	16 47.1	39
40	4 4 9.7	10 24.2	16 38.8	22 53.3	40
41	10 15.9	16 30.5	22 45.0	28 59.5	41
42	16 22.2	22 36.7	28 51.2	35 5.8	42
43	22 28.4	28 43.0	34 57.5	41 12.0	43
44	28 34.7	34 49.2	41 3.7	47 18.3	44
45	34 40.9	40 55.4	47 10.0	53 24.5	45
46	40 47.1	47 1.7	53 16.2	22 59 30.8	46
47	46 53.4	53 7.9	16 59 22.5	23 5 37.0	47
48	52 59.6	10 59 14.2	17 5 28.7	11 43.2	48
49	4 59 5.9	11 5 20.4	11 34.9	17 49.5	49
50	5 5 12.1	11 26.7	17 41.2	23 55.7	50
51	11 18.4	17 32.9	23 47.4	30 2.0	51
52	17 24.6	23 39.1	29 53.7	36 8.2	52
53	23 30.8	29 45.4	35 59.9	42 14.5	53
54	29 37.1	35 51.6	42 6.2	48 20.7	54
55	35 43.3	41 57.9	48 12.4	23 54 26.9	55
56	41 49.6	48 4.1	17 54 18.6	24 0 33.2	56
57	47 55.8	11 54 10.3	18 0 24.9	6 39.4	57
58	5 54 2.1	12 0 16.6	6 31.1	12 45.7	58
59	6 0 8.3	12 6 22.8	18 12 37.4	24 18 51.9	59

Die Reduktion ist von der Sternzeit zu subtrahieren.

Red.		Red.	
s	m s	s	m s
0.00	0 0.0	0.50	3 3.1
01	3.7	51	6.8
02	7.3	52	10.4
03	11.0	53	14.1
04	14.6	54	17.8
0.05	18.3	0.55	21.4
06	22.0	56	25.1
07	25.6	57	28.8
08	29.3	58	32.4
09	33.0	59	36.1
0.10	36.6	0.60	39.7
11	40.3	61	43.4
12	43.9	62	47.1
13	47.6	63	50.7
14	51.3	64	54.4
0.15	54.9	0.65	3 58.1
16	0 58.6	66	4 1.7
17	1 2.3	67	5.4
18	5.9	68	9.0
19	9.6	69	12.7
0.20	13.2	0.70	16.4
21	16.9	71	20.0
22	20.6	72	23.7
23	24.2	73	27.4
24	27.9	74	31.0
0.25	31.6	0.75	34.7
26	35.2	76	38.3
27	38.9	77	42.0
28	42.5	78	45.7
29	46.2	79	49.3
0.30	49.9	0.80	53.0
31	53.5	81	4 56.7
32	1 57.2	82	5 0.3
33	2 0.9	83	4.0
34	4.5	84	7.6
0.35	8.2	0.85	11.3
36	11.8	86	15.0
37	15.5	87	18.6
38	19.2	88	22.3
39	22.8	89	26.0
0.40	26.5	0.90	29.6
41	30.2	91	33.3
42	33.8	92	36.9
43	37.5	93	40.6
44	41.1	94	44.3
0.45	44.8	0.95	47.9
46	48.5	96	51.6
47	52.1	97	55.3
48	55.8	98	5 58.9
0.49	2 59.5	0.99	6 2.6

Red.	s	Red.	s	Red.	s
0.000		0.003		0.006	
	0.2		1.3		2.4
001		004		007	
	0.5		1.6		2.7
002		005		008	
	0.9		2.0		3.1
003		006		009	
	1.3		2.4		3.5
0.004		0.007		0.010	
					3.8

	0^h	1^h	2^h	3^h	4^h	5^h		
m	d	d	d	d	d	d	s	d
0	0.000000	0.041667	0.083333	0.125000	0.166667	0.208333	0	0.000000
1	000694	042361	084028	125694	167361	209028	1	000012
2	001389	043056	084722	126389	168056	209722	2	000023
3	002083	043750	085417	127083	168750	210417	3	000035
4	002778	044444	086111	127778	169444	211111	4	000046
5	0.003472	0.045139	0.086806	0.128472	0.170139	0.211806	5	0.000058
6	004167	045833	087500	129167	170833	212500	6	000069
7	004861	046528	088194	129861	171528	213194	7	000081
8	005556	047222	088889	130556	172222	213889	8	000093
9	006250	047917	089583	131250	172917	214583	9	000104
10	0.006944	0.048611	0.090278	0.131944	0.173611	0.215278	10	0.000116
11	007639	049306	090972	132639	174306	215972	11	000127
12	008333	050000	091667	133333	175000	216667	12	000139
13	009028	050694	092361	134028	175694	217361	13	000150
14	009722	051389	093056	134722	176389	218056	14	000162
15	0.010417	0.052083	0.093750	0.135417	0.177083	0.218750	15	0.000174
16	011111	052778	094444	136111	177778	219444	16	000185
17	011806	053472	095139	136806	178472	220139	17	000197
18	012500	054167	095833	137500	179167	220833	18	000208
19	013194	054861	096528	138194	179861	221528	19	000220
20	0.013889	0.055556	0.097222	0.138889	0.180556	0.222222	20	0.000231
21	014583	056250	097917	139583	181250	222917	21	000243
22	015278	056944	098611	140278	181944	223611	22	000255
23	015972	057639	099306	140972	182639	224306	23	000266
24	016667	058333	100000	141667	183333	225000	24	000278
25	0.017361	0.059028	0.100694	0.142361	0.184028	0.225694	25	0.000289
26	018056	059722	101389	143056	184722	226389	26	000301
27	018750	060417	102083	143750	185417	227083	27	000313
28	019444	061111	102778	144444	186111	227778	28	000324
29	020139	061806	103472	145139	186806	228472	29	000336
30	0.020833	0.062500	0.104167	0.145833	0.187500	0.229167	30	0.000347
31	021528	063194	104861	146528	188194	229861	31	000359
32	022222	063889	105556	147222	188889	230556	32	000370
33	022917	064583	106250	147917	189583	231250	33	000382
34	023611	065278	106944	148611	190278	231944	34	000394
35	0.024306	0.065972	0.107639	0.149306	0.190972	0.232639	35	0.000405
36	025000	066667	108333	150000	191667	233333	36	000417
37	025694	067361	109028	150694	192361	234028	37	000428
38	026389	068056	109722	151389	193056	234722	38	000440
39	027083	068750	110417	152083	193750	235417	39	000451
40	0.027778	0.069444	0.111111	0.152778	0.194444	0.236111	40	0.000463
41	028472	070139	111806	153472	195139	236806	41	000475
42	029167	070833	112500	154167	195833	237500	42	000486
43	029861	071528	113194	154861	196528	238194	43	000498
44	030556	072222	113889	155556	197222	238889	44	000509
45	0.031250	0.072917	0.114583	0.156250	0.197917	0.239583	45	0.000521
46	031944	073611	115278	156944	198611	240278	46	000532
47	032639	074306	115972	157639	199306	240972	47	000544
48	033333	075000	116667	158333	200000	241667	48	000556
49	034028	075694	117361	159028	200694	242361	49	000567
50	0.034722	0.076389	0.118056	0.159722	0.201389	0.243056	50	0.000579
51	035417	077083	118750	160417	202083	243750	51	000590
52	036111	077778	119444	161111	202778	244444	52	000602
53	036806	078472	120139	161806	203472	245139	53	000613
54	037500	079167	120833	162500	204167	245833	54	000625
55	0.038194	0.079861	0.121528	0.163194	0.204861	0.246528	55	0.000637
56	038889	080556	122222	163889	205556	247222	56	000648
57	039583	081250	122917	164583	206250	247917	57	000660
58	040278	081944	123611	165278	206944	248611	58	000671
59	0.040972	0.082639	0.124306	0.165972	0.207639	0.249306	59	0.000683

	6h	7h	8h	9h	10h	11h		
m	d	d	d	d	d	d	s	d
0	0.250000	0.291667	0.333333	0.375000	0.416667	0.458333	0	0.000000
1	250694	292361	334028	375694	417361	459028	1	000012
2	251389	293056	334722	376389	418056	459722	2	000023
3	252083	293750	335417	377083	418750	460417	3	000035
4	252778	294444	336111	377778	419444	461111	4	000046
5	0.253472	0.295139	0.336806	0.378472	0.420139	0.461806	5	0.000058
6	254167	295833	337500	379167	420833	462500	6	000069
7	254861	296528	338194	379861	421528	463194	7	000081
8	255556	297222	338889	380556	422222	463889	8	000093
9	256250	297917	339583	381250	422917	464583	9	000104
10	0.256944	0.298611	0.340278	0.381944	0.423611	0.465278	10	0.000116
11	257639	299306	340972	382639	424306	465972	11	000127
12	258333	300000	341667	383333	425000	466667	12	000139
13	259028	300694	342361	384028	425694	467361	13	000150
14	259722	301389	343056	384722	426389	468056	14	000162
15	0.260417	0.302083	0.343750	0.385417	0.427083	0.468750	15	0.000174
16	261111	302778	344444	386111	427778	469444	16	000185
17	261806	303472	345139	386806	428472	470139	17	000197
18	262500	304167	345833	387500	429167	470833	18	000208
19	263194	304861	346528	388194	429861	471528	19	000220
20	0.263889	0.305556	0.347222	0.388889	0.430556	0.472222	20	0.000231
21	264583	306250	347917	389583	431250	472917	21	000243
22	265278	306944	348611	390278	431944	473611	22	000255
23	265972	307639	349306	390972	432639	474306	23	000266
24	266667	308333	350000	391667	433333	475000	24	000278
25	0.267361	0.309028	0.350694	0.392361	0.434028	0.475694	25	0.000289
26	268056	309722	351389	393056	434722	476389	26	000301
27	268750	310417	352083	393750	435417	477083	27	000313
28	269444	311111	352778	394444	436111	477778	28	000324
29	270139	311806	353472	395139	436806	478472	29	000336
30	0.270833	0.312500	0.354167	0.395833	0.437500	0.479167	30	0.000347
31	271528	313194	354861	396528	438194	479861	31	000359
32	272222	313889	355556	397222	438889	480556	32	000370
33	272917	314583	356250	397917	439583	481250	33	000382
34	273611	315278	356944	398611	440278	481944	34	000394
35	0.274306	0.315972	0.357639	0.399306	0.440972	0.482639	35	0.000405
36	275000	316667	358333	400000	441667	483333	36	000417
37	275694	317361	359028	400694	442361	484028	37	000428
38	276389	318056	359722	401389	443056	484722	38	000440
39	277083	318750	360417	402083	443750	485417	39	000451
40	0.277778	0.319444	0.361111	0.402778	0.444444	0.486111	40	0.000463
41	278472	320139	361806	403472	445139	486806	41	000475
42	279167	320833	362500	404167	445833	487500	42	000486
43	279861	321528	363194	404861	446528	488194	43	000498
44	280556	322222	363889	405556	447222	488889	44	000509
45	0.281250	0.322917	0.364583	0.406250	0.447917	0.489583	45	0.000521
46	281944	323611	365278	406944	448611	490278	46	000532
47	282639	324306	365972	407639	449306	490972	47	000544
48	283333	325000	366667	408333	450000	491667	48	000556
49	284028	325694	367361	409028	450694	492361	49	000567
50	0.284722	0.326389	0.368056	0.409722	0.451389	0.493056	50	0.000579
51	285417	327083	368750	410417	452083	493750	51	000590
52	286111	327778	369444	411111	452778	494444	52	000602
53	286806	328472	370139	411806	453472	495139	53	000613
54	287500	329167	370833	412500	454167	495833	54	000625
55	0.288194	0.329861	0.371528	0.413194	0.454861	0.496528	55	0.000637
56	288889	330556	372222	413889	455556	497222	56	000648
57	289583	331250	372917	414583	456250	497917	57	000660
58	290278	331944	373611	415278	456944	498611	58	000671
59	0.290972	0.332639	0.374306	0.415972	0.457639	0.499306	59	0.000683

I. Anzahl der am o. Januar, 12^h Welt-Zeit, seit Anfang der Periode verflossenen Tage

Jahr n. Chr.	0	100	200	300	400	500	600	700	800	900
	17	17	17	18	18	19	19	19	20	20
0	21057	57582	94107	30632	67157	03682	40207	76732	13257	49782
4	22518	59043	95568	32093	68618	05143	41668	78193	14718	51243
8	23979	60504	97029	33554	70079	06604	43129	79654	16179	52704
12	25440	61965	98490	35015	71540	08065	44590	81115	17640	54165
16	26901	63426	99951	36476	73001	09526	46051	82576	19101	55626
20	28362	64887	01412	37937	74462	10987	47512	84037	20562	57087
24	29823	66348	02873	39398	75923	12448	48973	85498	22023	58548
28	31284	67809	04334	40859	77384	13909	50434	86959	23484	60009
32	32745	69270	05795	42320	78845	15370	51895	88420	24945	61470
36	34206	70731	07256	43781	80306	16831	53356	89881	26406	62931
40	35667	72192	08717	45242	81767	18292	54817	91342	27867	64392
44	37128	73653	10178	46703	83228	19753	56278	92803	29328	65853
48	38589	75114	11639	48164	84689	21214	57739	94264	30789	67314
52	40050	76575	13100	49625	86150	22675	59200	95725	32250	68775
56	41511	78036	14561	51086	87611	24136	60661	97186	33711	70236
60	42972	79497	16022	52547	89072	25597	62122	98647	35172	71697
64	44433	80958	17483	54008	90533	27058	63583	00108	36633	73158
68	45894	82419	18944	55469	91994	28519	65044	01569	38094	74619
72	47355	83880	20405	56930	93455	29980	66505	03030	39555	76080
76	48816	85341	21866	58391	94916	31441	67966	04491	41016	77541
80	50277	86802	23327	59852	96377	32902	69427	05952	42477	79002
84	51738	88263	24788	61313	97838	34363	70888	07413	43938	80463
88	53199	89724	26249	62774	99299	35824	72349	08874	45399	81924
92	54660	91185	27710	64235	00760	37285	73810	10335	46860	83385
96	56121	92646	29171	65696	02221	38746	75271	11796	48321	84846
100	57582	94107	30632	67157	03682	40207	76732	13257	49782	86307
	17	17	18	18	19	19	19	20	20	20

Ia. Anzahl der am o. eines jeden Monats, 12^h Welt-Zeit, seit Beginn der Schaltperiode verflossenen Tage

Jahr	Jan. o	Febr. o	März o	April o	Mai o	Juni o	Juli o	Aug. o	Sept. o	Okt. o	Nov. o	Dez. o
0	0	31	60	91	121	152	182	213	244	274	305	335
1	366	397	425	456	486	517	547	578	609	639	670	700
2	731	762	790	821	851	882	912	943	974	1004	1035	1065
3	1096	1127	1155	1186	1216	1247	1277	1308	1339	1369	1400	1430

I. Anzahl der am 0. Januar, 12^h Welt-Zeit, seit Anfang der Periode verflossenen Tage

Jahr n. Chr.	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
	20	21	21	21	22	22	23	23	23	24
0	86307	22832	59357	95882	32407	68932	05447	41971[1]	78495[1]	15019[1]
4	87768	24293	60818	97343	33868	70393	06908	43432	79956	16480
8	89229	25754	62279	98804	35329	71854	08369	44893	81417	17941
12	90690	27215	63740	00265	36790	73315	09830	46354	82878	19402
16	92151	28676	65201	01726	38251	74776	11291	47815	84339	20863
20	93612	30137	66662	03187	39712	76237	12752	49276	85800	22324
24	95073	31598	68123	04648	41173	77698	14213	50737	87261	23785
28	96534	33059	69584	06109	42634	79159	15674	52198	88722	25246
32	97995	34520	71045	07570	44095	80620	17135	53659	90183	26707
36	99456	35981	72506	09031	45556	82081	18596	55120	91644	28168
40	00917	37442	73967	10492	47017	83542	20057	56581	93105	29629
44	02378	38903	75428	11953	48478	85003	21518	58042	94566	31090
48	03839	40364	76889	13414	49939	86464	22979	59503	96027	32551
52	05300	41825	78350	14875	51400	87925	24440	60964	97488	34012
56	06761	43286	79811	16336	52861	89386	25901	62425	98949	35473
60	08222	44747	81272	17797	54322	90847	27362	63886	00410	36934
64	09683	46208	82733	19258	55783	92308	28823	65347	01871	38395
68	11144	47669	84194	20719	57244	93769	30284	66808	03332	39856
72	12605	49130	85655	22180	58705	95230	31745	68269	04793	41317
76	14066	50591	87116	23641	60166	96691	33206	69730	06254	42778
80	15527	52052	88577	25102	61627	98152	34667	71191	07715	44239
84	16988	53513	90038	26563	63088	99603	36128	72652	09176	45700
88	18449	54974	91499	28024	64549	01064	37589	74113	10637	47161
92	19910	56435	92960	29485	66010	02525	39050	75574	12098	48622
96	21371	57896	94421	30946	67471	03986	40511	77035	13559	50083
100	22832	59357	95882	32407	68932	05447	41971[1]	78495[1]	15019[1]	51544
	21	21	21	22	22	23	23	23	24	24

[1]) Die Zahlen geben die am —1. Jan. seit Anfang der Periode verflossenen Tage.

Ia. Anzahl der am 0. eines jeden Monats, 12^h Welt-Zeit, seit Beginn der Schaltperiode verflossenen Tage

Jahr	Jan. 0	Febr. 0	März 0	April 0	Mai 0	Juni 0	Juli 0	Aug. 0	Sept. 0	Okt. 0	Nov. 0	Dez. 0
0	0[2])	31[2])	60	91	121	152	182	213	244	274	305	335
1	366	397	425	456	486	517	547	578	609	639	670	700
2	731	762	790	821	851	882	912	943	974	1004	1035	1065
3	1096	1127	1155	1186	1216	1247	1277	1308	1339	1369	1400	1430

Von 1582 Okt. 15 bis 1583 Dez. 31 sind die Zahlen der Tafel Ia um 10 zu verkleinern.

[2]) In den Jahren 1700, 1800, 1900 um 1 zu vergrößern.

Julianische Periode

II. Anzahl der am 0. eines jeden Monats, 12^h Welt-Zeit, seit Beginn der Periode verflossenen Tage

Jahr n. Chr.	Januar 0	Febr. 0	März 0	April 0	Mai 0	Juni 0	Juli 0	Aug. 0	Sept. 0	Okt. 0	Nov. 0	Dez. 0
1860	2400 410	441	470	501	531	562	592	623	654	684	715	745
1861	776	807	835	866	896	927	957	988	*019	*049	*080	*110
1862	2401 141	172	200	231	261	292	322	353	384	414	445	475
1863	506	537	565	596	626	657	687	718	749	779	810	840
1864	871	902	931	962	992	*023	*053	*084	*115	*145	*176	*206
1865	2402 237	268	296	327	357	388	418	449	480	510	541	571
1866	602	633	661	692	722	753	783	814	845	875	906	936
1867	967	998	*026	*057	*087	*118	*148	*179	*210	*240	*271	*301
1868	2403 332	363	392	423	453	484	514	545	576	606	637	667
1869	698	729	757	788	818	849	879	910	941	971	*002	*032
1870	2404 063	094	122	153	183	214	244	275	306	336	367	397
1871	428	459	487	518	548	579	609	640	671	701	732	762
1872	793	824	853	884	914	945	975	*006	*037	*067	*098	*128
1873	2405 159	190	218	249	279	310	340	371	402	432	463	493
1874	524	555	583	614	644	675	705	736	767	797	828	858
1875	889	920	948	979	*009	*040	*070	*101	*132	*162	*193	*223
1876	2406 254	285	314	345	375	406	436	467	498	528	559	589
1877	620	651	679	710	740	771	801	832	863	893	924	954
1878	985	*016	*044	*075	*105	*136	*166	*197	*228	*258	*289	*319
1879	2407 350	381	409	440	470	501	531	562	593	623	654	684
1880	715	746	775	806	836	867	897	928	959	989	*020	*050
1881	2408 081	112	140	171	201	232	262	293	324	354	385	415
1882	446	477	505	536	566	597	627	658	689	719	750	780
1883	811	842	870	901	931	962	992	*023	*054	*084	*115	*145
1884	2409 176	207	236	267	297	328	358	389	420	450	481	511
1885	542	573	601	632	662	693	723	754	785	815	846	876
1886	907	938	966	997	*027	*058	*088	*119	*150	*180	*211	*241
1887	2410 272	303	331	362	392	423	453	484	515	545	576	606
1888	637	668	697	728	758	789	819	850	881	911	942	972
1889	2411 003	034	062	093	123	154	184	215	246	276	307	337
1890	368	399	427	458	488	519	549	580	611	641	672	702
1891	733	764	792	823	853	884	914	945	976	*006	*037	*067
1892	2412 098	129	158	189	219	250	280	311	342	372	403	433
1893	464	495	523	554	584	615	645	676	707	737	768	798
1894	829	860	888	919	949	980	*010	*041	*072	*102	*133	*163
1895	2413 194	225	253	284	314	345	375	406	437	467	498	528
1896	559	590	619	650	680	711	741	772	803	833	864	894
1897	925	956	984	*015	*045	*076	*106	*137	*168	*198	*229	*259
1898	2414 290	321	349	380	410	441	471	502	533	563	594	624
1899	655	686	714	745	775	806	836	867	898	928	959	989

Julianische Periode

II. Anzahl der am o. eines jeden Monats, 12h Welt-Zeit, seit Beginn der Periode verflossenen Tage

Jahr n. Chr.	Januar o	Febr. o	März o	April o	Mai o	Juni o	Juli o	Aug. o	Sept. o	Okt. o	Nov. o	Dez. o
1900	2415 020	051	079	110	140	171	201	232	263	293	324	354
1901	385	416	444	475	505	536	566	597	628	658	689	719
1902	750	781	809	840	870	901	931	962	993	*023	*054	*084
1903	2416 115	146	174	205	235	266	296	327	358	388	419	449
1904	480	511	540	571	601	632	662	693	724	754	785	815
1905	846	877	905	936	966	997	*027	*058	*089	*119	*150	*180
1906	2417 211	242	270	301	331	362	392	423	454	484	515	545
1907	576	607	635	666	696	727	757	788	819	849	880	910
1908	941	972	*001	*032	*062	*093	*123	*154	*185	*215	*246	*276
1909	2418 307	338	366	397	427	458	488	519	550	580	611	641
1910	672	703	731	762	792	823	853	884	915	945	976	*006
1911	2419 037	068	096	127	157	188	218	249	280	310	341	371
1912	402	433	462	493	523	554	584	615	646	676	707	737
1913	768	799	827	858	888	919	949	980	*011	*041	*072	*102
1914	2420 133	164	192	223	253	284	314	345	376	406	437	467
1915	498	529	557	588	618	649	679	710	741	771	802	832
1916	863	894	923	954	984	*015	*045	*076	*107	*137	*168	*198
1917	2421 229	260	288	319	349	380	410	441	472	502	533	563
1918	594	625	653	684	714	745	775	806	837	867	898	928
1919	959	990	*018	*049	*079	*110	*140	*171	*202	*232	*263	*293
1920	2422 324	355	384	415	445	476	506	537	568	598	629	659
1921	690	721	749	780	810	841	871	902	933	963	994	*024
1922	2423 055	086	114	145	175	206	236	267	298	328	359	389
1923	420	451	479	510	540	571	601	632	663	693	724	754
1924	785	816	845	876	906	937	967	998	*029	*059	*090	*120
1925	2424 151	182	210	241	271	302	332	363	394	424	455	485
1926	516	547	575	606	636	667	697	728	759	789	820	850
1927	881	912	940	971	*001	*032	*062	*093	*124	*154	*185	*215
1928	2425 246	277	306	337	367	398	428	459	490	520	551	581
1929	612	643	671	702	732	763	793	824	855	885	916	946
1930	977	*008	*036	*067	*097	*128	*158	*189	*220	*250	*281	*311
1931	2426 342	373	401	432	462	493	523	554	585	615	646	676
1932	707	738	767	798	828	859	889	920	951	981	*012	*042
1933	2427 073	104	132	163	193	224	254	285	316	346	377	407
1934	438	469	497	528	558	589	619	650	681	711	742	772
1935	803	834	862	893	923	954	984	*015	*046	*076	*107	*137
1936	2428 168	199	228	259	289	320	350	381	412	442	473	503
1937	534	565	593	624	654	685	715	746	777	807	838	868
1938	899	930	958	989	*019	*050	*080	*111	*142	*172	*203	*233
1939	2429 264	295	323	354	384	415	445	476	507	537	568	598

Julianische Periode

II. Anzahl der am 0. eines jeden Monats, 12^h Welt-Zeit, seit Beginn der Periode verflossenen Tage

Jahr n. Chr.	Januar 0	Febr. 0	März 0	April 0	Mai 0	Juni 0	Juli 0	Aug. 0	Sept. 0	Okt. 0	Nov. 0	Dez. 0
1940	2429 629	660	689	720	750	781	811	842	873	903	934	964
1941	995	*026	*054	*085	*115	*146	*176	*207	*238	*268	*299	*329
1942	2430 360	391	419	450	480	511	541	572	603	633	664	694
1943	725	756	784	815	845	876	906	937	968	998	*029	*059
1944	2431 090	121	150	181	211	242	272	303	334	364	395	425
1945	456	487	515	546	576	607	637	668	699	729	760	790
1946	821	852	880	911	941	972	*002	*033	*064	*094	*125	*155
1947	2432 186	217	245	276	306	337	367	398	429	459	490	520
1948	551	582	611	642	672	703	733	764	795	825	856	886
1949	917	948	976	*007	*037	*068	*098	*129	*160	*190	*221	*251
1950	2433 282	313	341	372	402	433	463	494	525	555	586	616
1951	647	678	706	737	767	798	828	859	890	920	951	981
1952	2434 012	043	072	103	133	164	194	225	256	286	317	347
1953	378	409	437	468	498	529	559	590	621	651	682	712
1954	743	774	802	833	863	894	924	955	986	*016	*047	*077
1955	2435 108	139	167	198	228	259	289	320	351	381	412	442
1956	473	504	533	564	594	625	655	686	717	747	778	808
1957	839	870	898	929	959	990	*020	*051	*082	*112	*143	*173
1958	2436 204	235	263	294	324	355	385	416	447	477	508	538
1959	569	600	628	659	689	720	750	781	812	842	873	903
1960	934	965	994	*025	*055	*086	*116	*147	*178	*208	*239	*269
1961	2437 300	331	359	390	420	451	481	512	543	573	604	634
1962	665	696	724	755	785	816	846	877	908	938	969	999
1963	2438 030	061	089	120	150	181	211	242	273	303	334	364
1964	395	426	455	486	516	547	577	608	639	669	700	730
1965	761	792	820	851	881	912	942	973	*004	*034	*065	*095
1966	2439 126	157	185	216	246	277	307	338	369	399	430	460
1967	491	522	550	581	611	642	672	703	734	764	795	825
1968	856	887	916	947	977	*008	*038	*069	*100	*130	*161	*191
1969	2440 222	253	281	312	342	373	403	434	465	495	526	556
1970	587	618	646	677	707	738	768	799	830	860	891	921
1971	952	983	*011	*042	*072	*103	*133	*164	*195	*225	*256	*286
1972	2441 317	348	377	408	438	469	499	530	561	591	622	652
1973	683	714	742	773	803	834	864	895	926	956	987	*017
1974	2442 048	079	107	138	168	199	229	260	291	321	352	382
1975	413	444	472	503	533	564	594	625	656	686	717	747
1976	778	809	838	869	899	930	960	991	*022	*052	*083	*113
1977	2443 144	175	203	234	264	295	325	356	387	417	448	478
1978	509	540	568	599	629	660	690	721	752	782	813	843
1979	2443 874	905	933	964	994	*025	*055	*086	*117	*147	*178	*208

Hilfsgrößen

zur Berechnung der geozentrischen Koordinaten

$\rho \sin \varphi' = s \sin \varphi; \qquad \rho \cos \varphi' = c \cos \varphi$

φ	log *s*		log *c*		φ	log *s*		log *c*	
± 0°	9.9970705	4	0.0000000	4	±40°	9.9976745	252	0.0006040	252
1	.9970709	14	.0000004	14	41	.9976997	254	.0006292	254
2	.9970723	22	.0000018	22	42	.9977251	255	.0006546	255
3	.9970745	31	.0000040	31	43	.9977506	255	.0006801	255
4	.9970776	40	.0000071	40	44	.9977761	255	.0007056	255
5	9.9970816	49	0.0000111	49	45	9.9978016	256	0.0007311	256
6	.9970865	57	.0000160	57	46	.9978272	255	.0007567	255
7	.9970922	66	.0000217	66	47	.9978527	255	.0007822	255
8	.9970988	74	.0000283	74	48	.9978782	254	.0008077	254
9	.9971062	83	.0000357	83	49	.9979036	252	.0008331	252
10	9.9971145	92	0.0000440	92	50	9.9979288	252	0.0008583	252
11	.9971237	99	.0000532	99	51	.9979540	249	.0008835	249
12	.9971336	108	.0000631	108	52	.9979789	247	.0009084	247
13	.9971444	116	.0000739	116	53	.9980036	245	.0009331	245
14	.9971560	123	.0000855	123	54	.9980281	242	.0009576	242
15	9.9971683	131	0.0000978	131	55	9.9980523	239	0.0009818	239
16	.9971814	139	.0001109	139	56	.9980762	235	.0010057	235
17	.9971953	146	.0001248	146	57	.9980997	232	.0010292	232
18	.9972099	154	.0001394	154	58	.9981229	228	.0010524	228
19	.9972253	160	.0001548	160	59	.9981457	224	.0010752	224
20	9.9972413	168	0.0001708	168	60	9.9981681	220	0.0010976	220
21	.9972581	174	.0001876	174	61	.9981901	215	.0011196	215
22	.9972755	180	.0002050	180	62	.9982116	209	.0011411	209
23	.9972935	187	.0002230	187	63	.9982325	205	.0011620	205
24	.9973122	192	.0002417	192	64	.9982530	199	.0011825	199
25	9.9973314	198	0.0002609	198	65	9.9982729	193	0.0012024	193
26	.9973512	204	.0002807	204	66	.9982922	188	.0012217	188
27	.9973716	209	.0003011	209	67	.9983110	181	.0012405	181
28	.9973925	214	.0003220	214	68	.9983291	175	.0012586	175
29	.9974139	219	.0003434	219	69	.9983466	168	.0012761	168
30	9.9974358	223	0.0003653	223	70	9.9983634	161	0.0012929	161
31	.9974581	227	.0003876	227	71	.9983795	154	.0013090	154
32	.9974808	232	.0004103	232	72	.9983949	147	.0013244	147
33	.9975040	235	.0004335	235	73	.9984096	140	.0013391	140
34	.9975275	238	.0004570	238	74	.9984236	132	.0013531	132
35	9.9975513	241	0.0004808	241	75	9.9984368	124	0.0013663	124
36	.9975754	245	.0005049	245	76	.9984492	117	.0013787	117
37	.9975999	246	.0005294	246	77	.9984609	108	.0013904	108
38	.9976245	249	.0005540	249	78	.9984717	100	.0014012	100
39	.9976494	251	.0005789	251	79	.9984817	92	.0014112	92
40	9.9976745		0.0006040		80	9.9984909		0.0014204	

δ \ φ	+30°	+32°	+34°	+36°	+38°	+40°	+42°	+44°	+46°	+48°	+50°
°	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m
−30	4 45.4	4 38.8	4 31.8	4 24.4	4 16.5	4 8.1	3 58.9	3 48.9	3 37.9	3 25.7	3 11.8
29	4 48.6	4 42.3	4 35.6	4 28.6	4 21.1	4 13.0	4 4.3	3 54.9	3 44.5	3 33.0	3 20.1
28	4 51.7	4 45.7	4 39.3	4 32.6	4 25.5	4 17.8	4 9.6	4 0.7	3 50.9	3 40.1	3 28.0
27	4 54.7	4 49.0	4 42.9	4 36.5	4 29.8	4 22.5	4 14.7	4 6.2	3 57.0	3 46.9	3 35.5
26	4 57.7	4 52.2	4 46.5	4 40.4	4 33.9	4 27.1	4 19.7	4 11.7	4 3.0	3 53.4	3 42.8
25	5 0.6	4 55.4	4 49.9	4 44.2	4 38.0	4 31.5	4 24.5	4 16.9	4 8.7	3 59.7	3 49.7
24	5 3.5	4 58.5	4 53.3	4 47.8	4 42.0	4 35.8	4 29.2	4 22.0	4 14.3	4 5.8	3 56.5
23	5 6.3	5 1.6	4 56.6	4 51.4	4 45.9	4 40.1	4 33.8	4 27.0	4 19.7	4 11.8	4 3.0
22	5 9.0	5 4.6	4 59.9	4 55.0	4 49.7	4 44.2	4 38.3	4 31.9	4 25.0	4 17.5	4 9.3
21	5 11.7	5 7.5	5 3.1	4 58.4	4 53.5	4 48.3	4 42.7	4 36.7	4 30.2	4 23.2	4 15.4
−20	5 14.4	5 10.4	5 6.2	5 1.8	4 57.2	4 52.3	4 47.0	4 41.3	4 35.3	4 28.7	4 21.4
19	5 17.0	5 13.3	5 9.3	5 5.2	5 0.8	4 56.2	4 51.2	4 45.9	4 40.2	4 34.0	4 27.3
18	5 19.6	5 16.1	5 12.4	5 8.5	5 4.4	5 0.0	4 55.4	4 50.4	4 45.1	4 39.3	4 33.0
17	5 22.2	5 18.9	5 15.4	5 11.7	5 7.9	5 3.8	4 59.5	4 54.9	4 49.9	4 44.5	4 38.6
16	5 24.7	5 21.6	5 18.4	5 14.9	5 11.4	5 7.5	5 3.5	4 59.2	4 54.6	4 49.5	4 44.1
15	5 27.2	5 24.3	5 21.3	5 18.1	5 14.8	5 11.2	5 7.5	5 3.5	4 59.2	4 54.5	4 49.5
14	5 29.7	5 27.0	5 24.2	5 21.3	5 18.2	5 14.9	5 11.4	5 7.7	5 3.7	4 59.5	4 54.8
13	5 32.1	5 29.7	5 27.1	5 24.4	5 21.5	5 18.5	5 15.3	5 11.9	5 8.2	5 4.3	5 0.0
12	5 34.6	5 32.3	5 29.9	5 27.4	5 24.8	5 22.1	5 19.1	5 16.0	5 12.6	5 9.0	5 5.1
11	5 37.0	5 34.9	5 32.7	5 30.5	5 28.1	5 25.6	5 22.9	5 20.1	5 17.0	5 13.7	5 10.2
−10	5 39.4	5 37.5	5 35.5	5 33.5	5 31.3	5 29.1	5 26.7	5 24.1	5 21.4	5 18.4	5 15.2
9	5 41.7	5 40.1	5 38.3	5 36.5	5 34.6	5 32.5	5 30.4	5 28.1	5 25.7	5 23.0	5 20.2
8	5 44.1	5 42.6	5 41.1	5 39.5	5 37.8	5 36.0	5 34.1	5 32.1	5 29.9	5 27.6	5 25.1
7	5 46.4	5 45.2	5 43.8	5 42.4	5 41.0	5 39.4	5 37.8	5 36.0	5 34.2	5 32.2	5 30.0
6	5 48.8	5 47.7	5 46.6	5 45.4	5 44.1	5 42.8	5 41.4	5 40.0	5 38.4	5 36.7	5 34.9
5	5 51.1	5 50.2	5 49.3	5 48.3	5 47.3	5 46.2	5 45.1	5 43.9	5 42.6	5 41.2	5 39.7
4	5 53.4	5 52.7	5 52.0	5 51.2	5 50.4	5 49.6	5 48.7	5 47.8	5 46.8	5 45.7	5 44.5
3	5 55.8	5 55.2	5 54.7	5 54.1	5 53.6	5 53.0	5 52.3	5 51.6	5 50.9	5 50.1	5 49.3
2	5 58.1	5 57.7	5 57.4	5 57.1	5 56.7	5 56.3	5 55.9	5 55.5	5 55.1	5 54.6	5 54.1
− 1	6 0.4	6 0.2	6 0.1	6 0.0	5 59.8	5 59.7	5 59.5	5 59.4	5 59.2	5 59.0	5 58.9
0	6 2.7	6 2.7	6 2.8	6 2.9	6 2.9	6 3.0	6 3.1	6 3.2	6 3.4	6 3.5	6 3.6
+ 1	6 5.0	6 5.2	6 5.5	6 5.8	6 6.1	6 6.4	6 6.7	6 7.1	6 7.5	6 7.9	6 8.4
2	6 7.3	6 7.7	6 8.2	6 8.7	6 9.2	6 9.8	6 10.3	6 11.0	6 11.6	6 12.4	6 13.2
3	6 9.6	6 10.3	6 10.9	6 11.6	6 12.3	6 13.1	6 14.0	6 14.8	6 15.8	6 16.8	6 18.0
4	6 11.9	6 12.8	6 13.6	6 14.5	6 15.5	6 16.5	6 17.6	6 18.7	6 20.0	6 21.3	6 22.8
5	6 14.3	6 15.3	6 16.4	6 17.5	6 18.6	6 19.9	6 21.2	6 22.6	6 24.2	6 25.8	6 27.6
6	6 16.6	6 17.8	6 19.1	6 20.4	6 21.8	6 23.3	6 24.9	6 26.6	6 28.4	6 30.4	6 32.5
7	6 19.0	6 20.4	6 21.8	6 23.4	6 25.0	6 26.7	6 28.6	6 30.5	6 32.6	6 34.9	6 37.4
8	6 21.3	6 22.9	6 24.6	6 26.4	6 28.2	6 30.2	6 32.3	6 34.5	6 36.9	6 39.5	6 42.3
9	6 23.7	6 25.5	6 27.4	6 29.4	6 31.4	6 33.7	6 36.0	6 38.5	6 41.2	6 44.1	6 47.3
10	6 26.1	6 28.1	6 30.2	6 32.4	6 34.7	6 37.2	6 39.8	6 42.5	6 45.6	6 48.8	6 52.3
+11	6 28.5	6 30.7	6 33.0	6 35.4	6 38.0	6 40.7	6 43.6	6 46.6	6 49.9	6 53.5	6 57.4
12	6 31.0	6 33.4	6 35.9	6 38.5	6 41.3	6 44.3	6 47.4	6 50.8	6 54.4	6 58.3	7 2.5
13	6 33.4	6 36.0	6 38.8	6 41.6	6 44.7	6 47.9	6 51.3	6 54.9	6 58.9	7 3.1	7 7.8
14	6 35.9	6 38.7	6 41.7	6 44.8	6 48.0	6 51.5	6 55.2	6 59.2	7 3.4	7 8.0	7 13.1
15	6 38.4	6 41.4	6 44.6	6 47.9	6 51.5	6 55.2	6 59.2	7 3.5	7 8.1	7 13.0	7 18.5
16	6 41.0	6 44.2	6 47.6	6 51.2	6 54.9	6 58.9	7 3.2	7 7.8	7 12.7	7 18.1	7 23.9
17	6 43.5	6 47.0	6 50.6	6 54.4	6 58.5	7 2.7	7 7.3	7 12.2	7 17.5	7 23.3	7 29.5
18	6 46.1	6 49.8	6 53.7	6 57.7	7 2.0	7 6.6	7 11.5	7 16.7	7 22.4	7 28.5	7 35.3
19	6 48.8	6 52.7	6 56.8	7 1.1	7 5.7	7 10.5	7 15.7	7 21.3	7 27.4	7 33.9	7 41.1
20	6 51.5	6 55.6	6 59.9	7 4.5	7 9.4	7 14.5	7 20.1	7 26.0	7 32.4	7 39.4	7 47.1
+21	6 54.2	6 58.6	7 3.1	7 8.0	7 13.1	7 18.6	7 24.5	7 30.8	7 37.6	7 45.1	7 53.3
22	6 56.9	7 1.6	7 6.4	7 11.5	7 17.0	7 22.8	7 29.0	7 35.7	7 42.9	7 50.9	7 59.6
23	6 59.8	7 4.6	7 9.7	7 15.1	7 20.9	7 27.0	7 33.6	7 40.7	7 48.4	7 56.8	8 6.1
24	7 2.6	7 7.7	7 13.1	7 18.8	7 24.9	7 31.3	7 38.3	7 45.8	7 54.0	8 2.9	8 12.9
25	7 5.6	7 10.9	7 16.6	7 22.6	7 29.0	7 35.8	7 43.1	7 51.1	7 59.8	8 9.3	8 19.9
26	7 8.5	7 14.2	7 20.1	7 26.4	7 33.2	7 40.4	7 48.1	7 56.5	8 5.7	8 15.8	8 27.1
27	7 11.6	7 17.5	7 23.8	7 30.4	7 37.5	7 45.0	7 53.2	8 2.1	8 11.8	8 22.6	8 34.7
28	7 14.7	7 20.9	7 27.5	7 34.4	7 41.9	7 49.9	7 58.5	8 7.9	8 18.2	8 29.7	8 42.6
29	7 17.9	7 24.4	7 31.3	7 38.6	7 46.4	7 54.8	8 3.9	8 13.9	8 24.8	8 37.1	8 51.0
+30	7 21.2	7 28.0	7 35.2	7 42.9	7 51.1	7 59.9	8 9.5	8 20.1	8 31.7	8 44.8	8 59.7

δ \ φ	+50°	+51°	+52°	+53°	+54°	+55°	+56°	+57°	+58°	+59°	+60°
°	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m
−30	3 11.8	3 4.1	2 55.8	2 46.8	2 36.9	2 25.9	2 13.5	1 59.3	1 42.4	1 21.1	0 49.7
29	3 20.1	3 12.9	3 5.3	2 57.0	2 48.0	2 38.1	2 27.1	2 14.7	2 0.4	1 43.4	1 21.9
28	3 28.0	3 21.3	3 14.2	3 6.6	2 58.3	2 49.3	2 39.4	2 28.4	2 15.9	2 1.6	1 44.5
27	3 35.5	3 29.3	3 22.7	3 15.7	3 8.0	2 59.8	2 50.8	2 40.8	2 29.8	2 17.3	2 2.9
26	3 42.8	3 37.0	3 30.8	3 24.2	3 17.2	3 9.6	3 1.4	2 52.4	2 42.4	2 31.3	2 18.8
25	3 49.7	3 44.3	3 38.6	3 32.4	3 25.9	3 18.9	3 11.3	3 3.1	2 54.1	2 44.1	2 33.0
24	3 56.5	3 51.4	3 46.0	3 40.3	3 34.3	3 27.8	3 20.8	3 13.2	3 5.0	2 56.0	2 46.0
23	4 3.0	3 58.2	3 53.2	3 47.9	3 42.3	3 36.2	3 29.8	3 22.8	3 15.3	3 7.1	2 58.0
22	4 9.3	4 4.9	4 0.2	3 55.2	3 50.0	3 44.3	3 38.4	3 31.9	3 25.0	3 17.5	3 9.3
21	4 15.4	4 11.3	4 6.9	4 2.3	3 57.4	3 52.2	3 46.6	3 40.7	3 34.3	3 27.4	3 19.9
−20	4 21.4	4 17.5	4 13.5	4 9.1	4 4.6	3 59.8	3 54.6	3 49.1	3 43.2	3 36.9	3 30.0
19	4 27.3	4 23.7	4 19.9	4 15.8	4 11.6	4 7.1	4 2.3	3 57.2	3 51.8	3 45.9	3 39.6
18	4 33.0	4 29.6	4 26.1	4 22.3	4 18.4	4 14.2	4 9.8	4 5.1	4 0.1	3 54.7	3 48.9
17	4 38.6	4 35.4	4 32.1	4 28.7	4 25.0	4 21.1	4 17.0	4 12.7	4 8.1	4 3.1	3 57.8
16	4 44.1	4 41.2	4 38.1	4 34.9	4 31.5	4 27.9	4 24.1	4 20.1	4 15.9	4 11.3	4 6.4
15	4 49.5	4 46.8	4 43.9	4 41.0	4 37.8	4 34.5	4 31.0	4 27.4	4 23.4	4 19.3	4 14.8
14	4 54.8	4 52.3	4 49.7	4 46.9	4 44.1	4 41.0	4 37.8	4 34.4	4 30.8	4 27.0	4 22.9
13	5 0.0	4 57.7	4 55.3	4 52.8	4 50.2	4 47.4	4 44.5	4 41.4	4 38.1	4 34.6	4 30.9
12	5 5.1	5 3.0	5 0.9	4 58.6	4 56.2	4 53.7	4 51.0	4 48.2	4 45.2	4 42.0	4 38.7
11	5 10.2	5 8.3	5 6.4	5 4.3	5 2.1	4 59.8	4 57.4	4 54.9	4 52.2	4 49.3	4 46.3
−10	5 15.2	5 13.5	5 11.8	5 9.9	5 7.9	5 5.9	5 3.7	5 1.5	4 59.1	4 56.5	4 53.8
9	5 20.2	5 18.7	5 17.1	5 15.5	5 13.7	5 11.9	5 10.0	5 8.0	5 5.8	5 3.6	5 1.2
8	5 25.1	5 23.8	5 22.4	5 21.0	5 19.5	5 17.9	5 16.2	5 14.4	5 12.5	5 10.6	5 8.5
7	5 30.0	5 28.9	5 27.7	5 26.4	5 25.1	5 23.8	5 22.3	5 20.8	5 19.2	5 17.5	5 15.7
6	5 34.9	5 33.9	5 32.9	5 31.8	5 30.7	5 29.6	5 28.4	5 27.1	5 25.7	5 24.3	5 22.8
5	5 39.7	5 38.9	5 38.1	5 37.2	5 36.3	5 35.4	5 34.4	5 33.4	5 32.2	5 31.1	5 29.9
4	5 44.5	5 43.9	5 43.3	5 42.6	5 41.9	5 41.2	5 40.4	5 39.6	5 38.7	5 37.8	5 36.9
3	5 49.3	5 48.9	5 48.4	5 47.9	5 47.4	5 46.9	5 46.3	5 45.8	5 45.2	5 44.5	5 43.8
2	5 54.1	5 53.8	5 53.5	5 53.3	5 52.9	5 52.6	5 52.3	5 52.0	5 51.6	5 51.2	5 50.8
− 1	5 58.9	5 58.8	5 58.7	5 58.6	5 58.4	5 58.3	5 58.2	5 58.1	5 58.0	5 57.9	5 57.7
0	6 3.6	6 3.7	6 3.8	6 3.9	6 4.0	6 4.1	6 4.2	6 4.3	6 4.4	6 4.5	6 4.7
+ 1	6 8.4	6 8.6	6 8.9	6 9.2	6 9.5	6 9.8	6 10.1	6 10.4	6 10.8	6 11.2	6 11.6
2	6 13.2	6 13.6	6 14.0	6 14.5	6 15.0	6 15.5	6 16.0	6 16.6	6 17.2	6 17.8	6 18.5
3	6 18.0	6 18.6	6 19.2	6 19.8	6 20.5	6 21.2	6 22.0	6 22.8	6 23.6	6 24.6	6 25.5
4	6 22.8	6 23.5	6 24.4	6 25.2	6 26.1	6 27.0	6 28.0	6 29.0	6 30.1	6 31.3	6 32.5
5	6 27.6	6 28.6	6 29.6	6 30.6	6 31.7	6 32.8	6 34.0	6 35.3	6 36.6	6 38.1	6 39.6
6	6 32.5	6 33.6	6 34.8	6 36.0	6 37.3	6 38.7	6 40.1	6 41.6	6 43.2	6 44.9	6 46.7
7	6 37.4	6 38.7	6 40.0	6 41.5	6 43.0	6 44.6	6 46.2	6 48.0	6 49.8	6 51.8	6 53.9
8	6 42.3	6 43.8	6 45.3	6 47.0	6 48.7	6 50.5	6 52.4	6 54.4	6 56.5	6 58.8	7 1.2
9	6 47.3	6 48.9	6 50.7	6 52.6	6 54.5	6 56.5	6 58.7	7 0.9	7 3.3	7 5.9	7 8.6
10	6 52.3	6 54.1	6 56.1	6 58.2	7 0.3	7 2.6	7 5.0	7 7.5	7 10.2	7 13.1	7 16.2
+11	6 57.4	6 59.4	7 1.6	7 3.9	7 6.3	7 8.8	7 11.4	7 14.2	7 17.2	7 20.4	7 23.8
12	7 2.5	7 4.8	7 7.2	7 9.7	7 12.3	7 15.1	7 18.0	7 21.1	7 24.3	7 27.8	7 31.5
13	7 7.8	7 10.2	7 12.8	7 15.5	7 18.4	7 21.4	7 24.6	7 28.0	7 31.6	7 35.4	7 39.5
14	7 13.1	7 15.7	7 18.6	7 21.5	7 24.6	7 27.9	7 31.4	7 35.1	7 39.0	7 43.2	7 47.7
15	7 18.5	7 21.4	7 24.4	7 27.6	7 31.0	7 34.6	7 38.3	7 42.4	7 46.6	7 51.2	7 56.1
16	7 23.9	7 27.1	7 30.4	7 33.8	7 37.5	7 41.4	7 45.4	7 49.8	7 54.4	7 59.4	8 4.7
17	7 29.5	7 32.9	7 36.5	7 40.2	7 44.1	7 48.3	7 52.7	7 57.4	8 2.5	8 7.9	8 13.7
18	7 35.3	7 38.9	7 42.7	7 46.7	7 50.9	7 55.4	8 0.2	8 5.3	8 10.8	8 16.6	8 23.0
19	7 41.1	7 45.0	7 49.1	7 53.4	7 57.9	8 2.8	8 7.9	8 13.4	8 19.4	8 25.7	8 32.6
20	7 47.1	7 51.3	7 55.6	8 0.3	8 5.2	8 10.4	8 15.9	8 21.9	8 28.3	8 35.2	8 42.8
+21	7 53.3	7 57.7	8 2.4	8 7.3	8 12.6	8 18.2	8 24.2	8 30.7	8 37.6	8 45.2	8 53.5
22	7 59.6	8 4.3	8 9.4	8 14.7	8 20.3	8 26.4	8 32.8	8 39.8	8 47.4	8 55.7	9 4.8
23	8 6.1	8 11.2	8 16.6	8 22.3	8 28.3	8 34.9	8 41.9	8 49.5	8 57.7	9 6.8	9 16.9
24	8 12.9	8 18.3	8 24.0	8 30.2	8 36.7	8 43.8	8 51.4	8 59.6	9 8.7	9 18.8	9 30.0
25	8 19.9	8 25.7	8 31.8	8 38.4	8 45.5	8 53.1	9 1.4	9 10.5	9 20.5	9 31.7	9 44.4
26	8 27.1	8 33.4	8 40.0	8 47.0	8 54.7	9 3.0	9 12.1	9 22.1	9 33.2	9 45.9	10 0.6
27	8 34.7	8 41.4	8 48.5	8 56.1	9 4.4	9 13.5	9 23.5	9 34.6	9 47.3	10 1.9	10 19.5
28	8 42.6	8 49.8	8 57.5	9 5.8	9 14.8	9 24.8	9 35.9	9 48.5	10 3.1	10 20.5	10 42.9
29	8 51.0	8 58.7	9 7.0	9 16.1	9 26.0	9 37.1	9 49.6	10 4.1	10 21.5	10 43.7	11 18.1
+30	8 59.7	9 8.1	9 17.2	9 27.1	9 38.2	9 50.7	10 5.1	10 22.3	10 44.4	11 18.5	—

Reduktionstafel

für den Auf- und Untergang der Sonne

Das obere Vorzeichen gilt für den Aufgang, das untere Vorzeichen für den Untergang.

Tag		Geographische Breite										
		+30°	+32°	+34°	+36°	+38°	+40°	+42°	+44°	+46°	+48°	+50°
1944		m	m	m	m	m	m	m	m	m	m	m
Jan.	2	∓62.6	∓57.9	∓53.0	∓47.9	∓42.5	∓36.6	∓30.4	∓23.7	∓16.5	∓8.7	0.0
	12	∓58.4	∓53.9	∓49.4	∓44.5	∓39.5	∓34.1	∓28.3	∓22.0	∓15.3	∓8.0	0.0
	22	∓52.0	∓48.0	∓43.9	∓39.5	∓35.1	∓30.2	∓25.0	∓19.6	∓13.6	∓7.1	0.0
Febr.	1	∓44.1	∓40.7	∓37.2	∓33.5	∓29.6	∓25.6	∓21.1	∓16.4	∓11.5	∓5.9	0.0
	11	∓35.3	∓32.6	∓29.7	∓26.8	∓23.7	∓20.4	∓16.8	∓13.0	∓ 9.1	∓4.7	0.0
	21	∓26.0	∓24.0	∓21.8	∓19.7	∓17.4	∓14.9	∓12.3	∓ 9.5	∓ 6.6	∓3.4	0.0
März	2	∓16.3	∓15.1	∓13.7	∓12.4	∓10.9	∓ 9.3	∓ 7.7	∓ 5.9	∓ 4.1	∓2.1	0.0
	12	∓ 6.6	∓ 6.2	∓ 5.6	∓ 5.1	∓ 4.4	∓ 3.7	∓ 3.1	∓ 2.4	∓ 1.7	∓0.8	0.0
	22	± 3.1	± 2.8	± 2.6	± 2.4	± 2.1	± 1.9	± 1.5	± 1.2	± 0.8	±0.4	0.0
April	1	±12.7	±11.7	±10.7	± 9.7	± 8.6	± 7.4	± 6.1	± 4.8	± 3.3	±1.7	0.0
	11	±22.4	±20.6	±18.9	±17.0	±15.0	±12.9	±10.6	± 8.4	± 5.7	±3.0	0.0
	21	±31.8	±29.3	±26.9	±24.2	±21.3	±18.4	±15.2	±11.9	± 8.2	±4.3	0.0
Mai	1	±40.9	±37.8	±34.6	±31.2	±27.6	±23.7	±19.8	±15.4	±10.7	±5.6	0.0
	11	±49.5	±45.8	±41.8	±37.8	±33.6	±28.8	±24.0	±18.6	±13.0	±6.8	0.0
	21	±57.0	±52.9	±48.4	±43.7	±38.8	±33.4	±27.8	±21.7	±15.1	±7.9	0.0
	31	±63.1	±58.6	±53.7	±48.5	±43.1	±37.1	±30.9	±24.2	±16.9	±8.8	0.0
Juni	10	±67.2	±62.3	±57.2	±51.7	±45.9	±39.7	±33.1	±26.0	±18.0	±9.5	0.0
	20	±68.8	±63.8	±58.6	±52.9	±47.0	±40.7	±33.9	±26.6	±18.5	±9.8	0.0
	30	±67.8	±62.8	±57.7	±52.1	±46.3	±40.0	±33.3	±26.2	±18.2	±9.6	0.0
Juli	10	±64.3	±59.5	±54.6	±49.3	±43.9	±37.9	±31.5	±24.7	±17.1	±9.1	0.0
	20	±58.6	±54.2	±49.7	±44.9	±39.9	±34.4	±28.5	±22.4	±15.5	±8.2	0.0
	30	±51.3	±47.5	±43.6	±39.2	±34.8	±30.0	±24.9	±19.5	±13.5	±7.0	0.0
Aug.	9	±43.1	±39.8	±36.5	±32.8	±29.1	±25.1	±20.8	±16.2	±11.3	±5.8	0.0
	19	±34.2	±31.6	±28.8	±26.0	±23.0	±19.9	±16.5	±12.7	± 8.9	±4.6	0.0
	29	±24.9	±23.0	±21.0	±19.0	±16.7	±14.4	±12.0	± 9.2	± 6.5	±3.3	0.0
Sept.	8	±15.5	±14.2	±13.0	±11.8	±10.4	± 8.9	± 7.4	± 5.7	± 4.0	±2.0	0.0
	18	± 6.0	± 5.4	± 4.9	± 4.5	± 4.0	± 3.4	± 2.8	± 2.2	± 1.6	±0.8	0.0
	28	∓ 3.8	∓ 3.4	∓ 3.1	∓ 2.7	∓ 2.4	∓ 2.1	∓ 1.7	∓ 1.3	∓ 0.9	∓0.5	0.0
Okt.	8	∓13.3	∓12.2	∓11.1	∓10.0	∓ 8.8	∓ 7.6	∓ 6.2	∓ 4.9	∓ 3.3	∓1.7	0.0
	18	∓22.8	∓21.0	∓19.2	∓17.2	∓15.2	∓13.1	∓10.7	∓ 8.4	∓ 5.7	∓3.0	0.0
	28	∓32.1	∓29.6	∓27.1	∓24.3	∓21.5	∓18.4	∓15.2	∓11.9	∓ 8.2	∓4.3	0.0
Nov.	7	∓41.0	∓37.9	∓34.6	∓31.2	∓27.6	∓23.6	∓19.6	∓15.3	∓10.5	∓5.6	0.0
	17	∓49.3	∓45.5	∓41.6	∓37.6	∓33.1	∓28.5	∓23.7	∓18.4	∓12.8	∓6.8	0.0
	27	∓56.2	∓52.0	∓47.5	∓42.9	∓38.0	∓32.7	∓27.2	∓21.2	∓14.8	∓7.7	0.0
Dez.	7	∓61.3	∓56.7	∓51.9	∓46.8	∓41.5	∓35.8	∓29.8	∓23.3	∓16.2	∓8.5	0.0
	17	∓64.0	∓59.2	∓54.2	∓49.0	∓43.3	∓37.4	∓31.1	∓24.3	∓16.9	∓8.9	0.0
	27	∓63.8	∓59.0	∓54.0	∓48.8	∓43.3	∓37.4	∓31.1	∓24.3	∓16.9	∓8.9	0.0
	37	∓60.9	∓56.3	∓51.5	∓46.6	∓41.3	∓35.6	∓29.6	∓23.1	∓16.0	∓8.4	0.0

Reduktionstafel

für den Auf- und Untergang der Sonne

Das obere Vorzeichen gilt für den Aufgang, das untere Vorzeichen für den Untergang.

Tag	Geographische Breite										
	+50°	+51°	+52°	+53°	+54°	+55°	+56°	+57°	+58°	+59°	+60°
1944	m	m	m	m	m	m	m	m	m	m	m
Jan. 2	0.0	±4.7	±9.6	±14.8	±20.4	±26.3	±32.7	±39.5	±46.9	±54.9	±63.7
12	0.0	±4.4	±8.9	±13.7	±18.7	±24.3	±30.0	±36.2	±42.9	±50.1	±58.0
22	0.0	±3.8	±7.8	±12.0	±16.5	±21.1	±26.2	±31.6	±37.2	±43.4	±50.0
Febr. 1	0.0	±3.2	±6.5	±10.0	±13.7	±17.6	±21.8	±26.1	±30.8	±35.8	±41.2
11	0.0	±2.5	±5.1	±7.9	±10.8	±13.9	±17.1	±20.4	±24.1	±27.9	±32.1
21	0.0	±1.8	±3.7	±5.7	±7.8	±10.0	±12.4	±14.7	±17.4	±20.1	±23.0
März 2	0.0	±1.2	±2.3	±3.6	±4.9	±6.2	±7.7	±9.1	±10.8	±12.4	±14.1
12	0.0	±0.5	±0.9	±1.4	±2.0	±2.5	±3.1	±3.6	±4.2	±4.9	±5.6
22	0.0	∓0.2	∓0.5	∓0.7	∓0.9	∓1.3	∓1.6	∓1.9	∓2.2	∓2.6	∓3.0
April 1	0.0	∓0.9	∓1.9	∓2.8	∓3.9	∓5.0	∓6.2	∓7.5	∓8.7	∓10.2	∓11.5
11	0.0	∓1.5	∓3.3	∓5.0	∓6.9	∓8.8	∓10.8	∓13.1	∓15.3	∓17.8	∓20.3
21	0.0	∓2.2	∓4.7	∓7.2	∓9.9	∓12.7	∓15.6	∓18.8	∓22.1	∓25.6	∓29.4
Mai 1	0.0	∓3.0	∓6.2	∓9.4	∓12.9	∓16.6	∓20.4	∓24.6	∓28.9	∓33.6	∓38.6
11	0.0	∓3.6	∓7.5	∓11.5	∓15.8	∓20.4	∓25.1	∓30.4	∓35.9	∓41.8	∓48.1
21	0.0	∓4.2	∓8.8	∓13.5	∓18.5	∓24.0	∓29.7	∓35.9	∓42.6	∓49.8	∓57.6
31	0.0	∓4.7	∓9.8	∓15.3	∓20.9	∓27.1	∓33.7	∓40.8	∓48.4	∓56.8	∓66.1
Juni 10	0.0	∓5.1	∓10.6	∓16.4	∓22.7	∓29.3	∓36.4	∓44.2	∓52.6	∓62.0	∓72.4
20	0.0	∓5.3	∓10.9	∓16.9	∓23.3	∓30.2	∓37.5	∓45.6	∓54.4	∓64.0	∓75.1
30	0.0	∓5.2	∓10.7	∓16.6	∓22.9	∓29.5	∓36.8	∓44.7	∓53.3	∓62.7	∓73.4
Juli 10	0.0	∓4.9	∓10.1	∓15.5	∓21.4	∓27.7	∓34.4	∓41.6	∓49.5	∓58.2	∓67.7
20	0.0	∓4.4	∓9.0	∓13.9	∓19.2	∓24.8	∓30.7	∓37.1	∓44.0	∓51.5	∓59.7
30	0.0	∓3.8	∓7.8	∓12.0	∓16.5	∓21.2	∓26.3	∓31.7	∓37.5	∓43.7	∓50.5
Aug. 9	0.0	∓3.2	∓6.4	∓9.9	∓13.7	∓17.5	∓21.7	∓26.0	∓30.7	∓35.6	∓41.0
19	0.0	∓2.5	∓5.0	∓7.7	∓10.7	∓13.6	∓16.9	∓20.2	∓23.9	∓27.6	∓31.8
29	0.0	∓1.8	∓3.6	∓5.6	∓7.7	∓9.8	∓12.1	∓14.5	∓17.1	∓19.8	∓22.7
Sept. 8	0.0	∓1.2	∓2.2	∓3.5	∓4.8	∓6.0	∓7.5	∓8.9	∓10.5	∓12.2	∓14.0
18	0.0	∓0.5	∓0.8	∓1.4	∓1.9	∓2.3	∓2.9	∓3.4	∓4.1	∓4.7	∓5.4
28	0.0	±0.2	±0.6	±0.7	±1.0	±1.4	±1.6	±2.0	±2.3	±2.6	±3.0
Okt. 8	0.0	±0.9	±1.9	±2.9	±3.9	±5.1	±6.2	±7.4	±8.7	±10.1	±11.4
18	0.0	±1.6	±3.3	±5.0	±6.8	±8.8	±10.7	±12.9	±15.2	±17.6	±20.1
28	0.0	±2.2	±4.7	±7.1	±9.7	±12.6	±15.4	±18.5	±21.8	±25.2	±28.9
Nov. 7	0.0	±2.9	±6.1	±9.2	±12.7	±16.3	±20.1	±24.1	±28.4	±33.0	±38.0
17	0.0	±3.6	±7.4	±11.3	±15.5	±19.9	±24.6	±29.7	±35.0	±40.7	±46.9
27	0.0	±4.1	±8.4	±13.2	±18.0	±23.1	±28.7	±34.6	±41.0	±47.8	±55.3
Dez. 7	0.0	±4.6	±9.3	±14.6	±19.9	±25.7	±31.9	±38.4	±45.7	±53.4	±61.9
17	0.0	±4.8	±9.8	±15.2	±20.9	±27.0	±33.5	±40.6	±48.3	±56.5	±65.7
27	0.0	±4.8	±9.8	±15.2	±20.9	±27.0	±33.5	±40.4	±48.1	±56.3	±65.5
37	0.0	±4.6	±9.3	±14.3	±19.7	±25.5	±31.7	±38.2	±45.2	±53.0	±61.3

Reduktionstafel

für den Auf- und Untergang des Mondes

Das obere Vorzeichen gilt für den Aufgang, das untere Vorzeichen für den Untergang.

t*)	Geographische Breite										
	+30°	+32°	+34°	+36°	+38°	+40°	+42°	+44°	+46°	+48°	+50°
h m	m	m	m	m	m	m	m	m	m	m	m
3 20	∓94.6	∓87.9	∓80.9	∓73.4	∓65.5	∓56.9	∓47.6	∓37.5	∓26.4	∓14.0	0.0
3 30	∓88.5	∓82.2	∓75.6	∓68.5	∓61.0	∓52.9	∓44.2	∓34.8	∓24.4	∓12.9	0.0
3 40	∓82.5	∓76.5	∓70.3	∓63.7	∓56.6	∓49.1	∓41.0	∓32.2	∓22.5	∓11.9	0.0
3 50	∓76.6	∓71.0	∓65.2	∓59.0	∓52.4	∓45.3	∓37.8	∓29.6	∓20.7	∓10.9	0.0
4 0	∓70.8	∓65.6	∓60.1	∓54.4	∓48.2	∓41.7	∓34.7	∓27.2	∓18.9	∓ 9.9	0.0
4 10	∓65.1	∓60.3	∓55.2	∓49.9	∓44.2	∓38.2	∓31.7	∓24.8	∓17.3	∓ 9.0	0.0
4 20	∓59.5	∓55.0	∓50.3	∓45.5	∓40.3	∓34.8	∓28.9	∓22.5	∓15.7	∓ 8.2	0.0
4 30	∓54.0	∓49.9	∓45.6	∓41.2	∓36.5	∓31.4	∓26.1	∓20.4	∓14.1	∓ 7.4	0.0
4 40	∓48.4	∓44.8	∓40.9	∓36.9	∓32.7	∓28.2	∓23.3	∓18.2	∓12.6	∓ 6.6	0.0
4 50	∓43.0	∓39.8	∓36.4	∓32.7	∓29.0	∓24.9	∓20.7	∓16.1	∓11.2	∓ 5.8	0.0
5 0	∓37.7	∓34.8	∓31.8	∓28.6	∓25.3	∓21.8	∓18.1	∓14.1	∓ 9.8	∓ 5.0	0.0
5 10	∓32.4	∓29.9	∓27.3	∓24.6	∓21.7	∓18.7	∓15.5	∓12.1	∓ 8.4	∓ 4.3	0.0
5 20	∓27.1	∓25.0	∓22.8	∓20.6	∓18.2	∓15.6	∓12.9	∓10.1	∓ 7.0	∓ 3.6	0.0
5 30	∓21.9	∓20.2	∓18.4	∓16.6	∓14.7	∓12.6	∓10.4	∓ 8.1	∓ 5.6	∓ 2.9	0.0
5 40	∓16.7	∓15.4	∓14.0	∓12.6	∓11.2	∓ 9.6	∓ 7.9	∓ 6.2	∓ 4.3	∓ 2.2	0.0
5 50	∓11.5	∓10.6	∓ 9.7	∓ 8.7	∓ 7.7	∓ 6.6	∓ 5.5	∓ 4.2	∓ 2.9	∓ 1.5	0.0
6 0	∓ 6.4	∓ 5.8	∓ 5.4	∓ 4.8	∓ 4.2	∓ 3.6	∓ 3.0	∓ 2.3	∓ 1.6	∓ 0.9	0.0
6 10	∓ 1.2	∓ 1.1	∓ 1.0	∓ 0.9	∓ 0.8	∓ 0.7	∓ 0.6	∓ 0.4	∓ 0.3	∓ 0.2	0.0
6 20	± 4.0	± 3.7	± 3.4	± 3.0	± 2.6	± 2.3	± 1.9	± 1.5	± 1.0	± 0.5	0.0
6 30	± 9.1	± 8.4	± 7.7	± 6.9	± 6.1	± 5.3	± 4.4	± 3.4	± 2.4	± 1.2	0.0
6 40	±14.3	±13.2	±12.0	±10.8	± 9.6	± 8.2	± 6.8	± 5.3	± 3.7	± 1.9	0.0
6 50	±19.5	±18.0	±16.4	±14.8	±13.1	±11.2	± 9.3	± 7.2	± 5.0	± 2.6	0.0
7 0	±24.7	±22.8	±20.9	±18.8	±16.6	±14.2	±11.8	± 9.1	± 6.3	± 3.3	0.0
7 10	±30.0	±27.7	±25.3	±22.8	±20.1	±17.3	±14.3	±11.1	± 7.7	± 4.0	0.0
7 20	±35.3	±32.6	±29.7	±26.8	±23.7	±20.3	±16.8	±13.1	± 9.1	± 4.7	0.0
7 30	±40.6	±37.5	±34.3	±30.9	±27.3	±23.4	±19.4	±15.1	±10.5	± 5.5	0.0
7 40	±45.9	±42.5	±38.9	±35.0	±31.0	±26.6	±22.1	±17.2	±12.0	± 6.2	0.0
7 50	±51.4	±47.6	±43.5	±39.2	±34.7	±29.9	±24.8	±19.3	±13.5	± 7.0	0.0
8 0	±56.9	±52.7	±48.2	±43.5	±38.5	±33.2	±27.6	±21.5	±15.0	± 7.8	0.0
8 10	±62.5	±57.9	±53.0	±47.9	±42.4	±36.6	±30.4	±23.8	±16.6	± 8.6	0.0
8 20	±68.2	±63.2	±57.9	±52.3	±46.4	±40.1	±33.3	±26.1	±18.2	± 9.5	0.0
8 30	±74.0	±68.5	±62.9	±56.9	±50.5	±43.7	±36.4	±28.5	±19.8	±10.5	0.0
8 40	±79.8	±74.0	±67.9	±61.5	±54.7	±47.3	±39.5	±30.9	±21.6	±11.4	0.0
8 50	±85.8	±79.6	±73.1	±66.3	±59.0	±51.1	±42.7	±33.5	±23.5	±12.5	0.0
9 0	±91.9	±85.3	±78.4	±71.2	±63.4	±55.0	±46.0	±36.3	±25.5	±13.5	0.0

*) *t* ist beim Aufgang der Zeitunterschied zwischen Aufgang und Kulmination, beim Untergang der Zeitunterschied zwischen Kulmination und Untergang.

Reduktionstafel

für den Auf- und Untergang des Mondes

Das obere Vorzeichen gilt für den Aufgang, das untere Vorzeichen für den Untergang.

t*)	Geographische Breite										
	+50°	+51°	+52°	+53°	+54°	+55°	+56°	+57°	+58°	+59°	+60°
h m	m	m	m	m	m	m	m	m	m	m	m
3 20	0.0	±7.7	±16.1	±25.2	±35.1	±46.1	±58.4	±72.5	±89.1	±109.7	±138.1
3 30	0.0	±7.1	±14.7	±22.9	±31.8	±41.6	±52.4	±64.5	±78.3	± 94.5	±114.3
3 40	0.0	±6.5	±13.4	±20.9	±28.9	±37.6	±47.2	±57.7	±69.4	± 82.7	± 98.2
3 50	0.0	±5.9	±12.2	±19.0	±26.2	±34.0	±42.5	±51.7	±61.9	± 73.3	± 86.1
4 0	0.0	±5.4	±11.1	±17.2	±23.7	±30.8	±38.2	±46.3	±55.2	± 65.0	± 76.0
4 10	0.0	±4.9	±10.1	±15.6	±21.4	±27.7	±34.4	±41.6	±49.4	± 57.9	± 67.3
4 20	0.0	±4.5	± 9.1	±14.0	±19.2	±24.8	±30.8	±37.2	±44.0	± 51.5	± 59.6
4 30	0.0	±4.0	± 8.1	±12.5	±17.2	±22.2	±27.5	±33.1	±39.1	± 45.7	± 52.7
4 40	0.0	±3.5	± 7.3	±11.2	±15.3	±19.7	±24.3	±29.3	±34.5	± 40.2	± 46.3
4 50	0.0	±3.1	± 6.4	± 9.8	±13.4	±17.3	±21.4	±25.6	±30.2	± 35.1	± 40.4
5 0	0.0	±2.7	± 5.5	± 8.5	±11.6	±15.0	±18.5	±22.2	±26.1	± 30.3	± 34.8
5 10	0.0	±2.3	± 4.7	± 7.2	±10.0	±12.8	±15.7	±18.9	±22.2	± 25.7	± 29.5
5 20	0.0	±2.0	± 3.9	± 6.0	± 8.3	±10.7	±13.1	±15.7	±18.4	± 21.3	± 24.4
5 30	0.0	±1.6	± 3.2	± 4.8	± 6.7	± 8.5	±10.5	±12.6	±14.8	± 17.1	± 19.6
5 40	0.0	±1.2	± 2.4	± 3.7	± 5.0	± 6.5	± 7.9	± 9.5	±11.2	± 13.0	± 14.8
5 50	0.0	±0.8	± 1.7	± 2.6	± 3.4	± 4.4	± 5.5	± 6.5	± 7.7	± 8.9	± 10.2
6 0	0.0	±0.5	± 0.9	± 1.4	± 1.9	± 2.4	± 3.0	± 3.6	± 4.2	± 4.9	± 5.6
6 10	0.0	±0.1	± 0.2	± 0.2	± 0.4	± 0.5	± 0.6	± 0.7	± 0.8	± 0.9	± 1.1
6 20	0.0	∓0.3	∓ 0.6	∓ 0.9	∓ 1.2	∓ 1.5	∓ 1.9	∓ 2.3	∓ 2.6	∓ 3.0	∓ 3.5
6 30	0.0	∓0.6	∓ 1.3	∓ 2.0	∓ 2.7	∓ 3.5	∓ 4.3	∓ 5.2	∓ 6.0	∓ 7.0	∓ 8.0
6 40	0.0	∓1.0	∓ 2.1	∓ 3.1	∓ 4.3	∓ 5.5	∓ 6.8	∓ 8.1	∓ 9.5	∓ 11.0	∓ 12.6
6 50	0.0	∓1.3	∓ 2.9	∓ 4.3	∓ 5.9	∓ 7.5	∓ 9.4	∓11.2	∓13.1	∓ 15.1	∓ 17.3
7 0	0.0	∓1.7	∓ 3.6	∓ 5.5	∓ 7.5	∓ 9.6	∓11.9	∓14.3	∓16.7	∓ 19.3	∓ 22.2
7 10	0.0	∓2.1	∓ 4.4	∓ 6.7	∓ 9.2	∓11.7	∓14.5	∓17.4	∓20.4	∓ 23.7	∓ 27.1
7 20	0.0	∓2.5	∓ 5.1	∓ 7.9	∓10.8	∓13.8	∓17.1	∓20.6	∓24.2	∓ 28.1	∓ 32.3
7 30	0.0	∓2.9	∓ 6.0	∓ 9.2	∓12.6	∓16.1	∓19.9	∓24.0	∓28.2	∓ 32.8	∓ 37.7
7 40	0.0	∓3.3	∓ 6.9	∓10.6	∓14.4	∓18.5	∓22.9	∓27.5	∓32.4	∓ 37.8	∓ 43.4
7 50	0.0	∓3.8	∓ 7.7	∓12.0	∓16.3	∓21.0	∓25.9	∓31.3	∓36.9	∓ 43.0	∓ 49.6
8 0	0.0	∓4.2	∓ 8.7	∓13.4	∓18.3	∓23.7	∓29.2	∓35.3	∓41.7	∓ 48.7	∓ 56.3
8 10	0.0	∓4.7	∓ 9.6	∓14.9	∓20.4	∓26.4	∓32.6	∓39.5	∓46.8	∓ 54.8	∓ 63.5
8 20	0.0	∓5.2	∓10.6	∓16.4	∓22.6	∓29.2	∓36.3	∓44.0	∓52.3	∓ 61.5	∓ 71.6
8 30	0.0	∓5.7	∓11.7	∓18.1	∓25.0	∓32.4	∓40.4	∓49.1	∓58.6	∓ 69.1	∓ 81.0
8 40	0.0	∓6.3	∓12.9	∓19.9	∓27.6	∓35.8	∓44.9	∓54.9	∓65.7	∓ 77.9	∓ 92.1
8 50	0.0	∓6.8	∓14.1	∓21.9	∓30.5	∓39.7	∓49.8	∓61.2	∓73.8	∓ 88.5	∓106.1
9 0	0.0	∓7.4	∓15.4	∓24.1	∓33.7	∓44.1	∓55.3	∓68.4	∓83.6	∓101.4	∓125.9

*) *t* ist beim Aufgang der Zeitunterschied zwischen Aufgang und Kulmination, beim Untergang der Zeitunterschied zwischen Kulmination und Untergang.

Hilfstafeln

zur Berechnung der optischen Mondlibration

λ−☊	Δλ	*a*	*B*	λ−☊	λ−☊	Δλ	*a*	*B*	λ−☊
°	'		° '	°	°			° '	°
0	+0.0+	−0.0269+	−0 0.0+	180	45	+0.6+	−0.0190+	−1 5.3+	225
1	0.0	268	0 1.6	181	46	0.6	187	1 6.4	226
2	0.0	268	0 3.2	182	47	0.6	183	1 7.5	227
3	0.1	268	0 4.8	183	48	0.6	180	1 8.6	228
4	0.1	268	0 6.4	184	49	0.6	176	1 9.7	229
5	+0.1+	−0.0268+	−0 8.0+	185	50	+0.6+	−0.0173+	−1 10.7+	230
6	0.1	267	0 9.7	186	51	0.6	169	1 11.8	231
7	0.1	267	0 11.3	187	52	0.6	165	1 12.8	232
8	0.2	266	0 12.9	188	53	0.6	162	1 13.8	233
9	0.2	265	0 14.4	189	54	0.6	158	1 14.7	234
10	+0.2+	−0.0264+	−0 16.0+	190	55	+0.6+	−0.0154+	−1 15.6+	235
11	0.2	264	0 17.6	191	56	0.6	150	1 16.5	236
12	0.2	263	0 19.2	192	57	0.6	146	1 17.4	237
13	0.3	262	0 20.8	193	58	0.6	142	1 18.3	238
14	0.3	261	0 22.3	194	59	0.5	138	1 19.2	239
15	+0.3+	−0.0259+	−0 23.9+	195	60	+0.5+	−0.0134+	−1 20.0+	240
16	0.3	258	0 25.5	196	61	0.5	130	1 20.8	241
17	0.3	257	0 27.0	197	62	0.5	126	1 21.5	242
18	0.4	255	0 28.5	198	63	0.5	122	1 22.3	243
19	0.4	254	0 30.1	199	64	0.5	118	1 23.0	244
20	+0.4+	−0.0252+	−0 31.6+	200	65	+0.5+	−0.0114+	−1 23.7+	245
21	0.4	251	0 33.1	201	66	0.5	109	1 24.4	246
22	0.4	249	0 34.6	202	67	0.4	105	1 25.0	247
23	0.4	247	0 36.1	203	68	0.4	101	1 25.6	248
24	0.5	245	0 37.6	204	69	0.4	096	1 26.2	249
25	+0.5+	−0.0243+	−0 39.0+	205	70	+0.4+	−0.0092+	−1 26.8+	250
26	0.5	241	0 40.5	206	71	0.4	87	1 27.3	251
27	0.5	239	0 41.9	207	72	0.4	83	1 27.8	252
28	0.5	237	0 43.4	208	73	0.3	79	1 28.3	253
29	0.5	235	0 44.8	209	74	0.3	74	1 28.8	254
30	+0.5+	−0.0233+	−0 46.2+	210	75	+0.3+	−0.0070+	−1 29.2+	255
31	0.5	230	0 47.6	211	76	0.3	65	1 29.6	256
32	0.6	228	0 48.9	212	77	0.3	60	1 30.0	257
33	0.6	225	0 50.3	213	78	0.2	56	1 30.3	258
34	0.6	223	0 51.6	214	79	0.2	51	1 30.6	259
35	+0.6+	−0.0220+	−0 53.0+	215	80	+0.2+	−0.0047+	−1 30.9+	260
36	0.6	217	0 54.3	216	81	0.2	42	1 31.2	261
37	0.6	214	0 55.6	217	82	0.2	37	1 31.4	262
38	0.6	212	0 56.9	218	83	0.1	33	1 31.6	263
39	0.6	209	0 58.1	219	84	0.1	28	1 31.8	264
40	+0.6+	−0.0206+	−0 59.4+	220	85	+0.1+	−0.0023+	−1 32.0+	265
41	0.6	203	1 0.6	221	86	0.1	19	1 32.1	266
42	0.6	200	1 1.8	222	87	0.1	14	1 32.2	267
43	0.6	196	1 3.0	223	88	0.0	09	1 32.3	268
44	0.6	193	1 4.1	224	89	0.0	05	1 32.3	269
45	+0.6+	−0.0190+	−1 5.3+	225	90	+0.0+	−0.0000+	−1 32.3+	270

$$l' = \lambda + \Delta\lambda - a(B - \beta) - L_{☾}; \quad b' = B - \beta$$

l', b' = Optische Libration der Mondmitte in selenographischer Länge und Breite.

λ, β = Länge und Breite des Mondmittelpunktes, berechnet für den Beobachtungsort.

$L_{☾}$ = Mittlere Länge des Mondes, ☊ = Mondknoten.

Hilfstafeln

zur Berechnung der optischen Mondlibration

λ−☊	Δλ	*a*	*B*	λ−☊	λ−☊	Δλ	*a*	*B*	λ−☊
°	′		° ′	°	°	′		° ′	°
90	−0.0−	+0.0000−	−1 32.3+	270	135	−0.6−	+0.0190−	−1 5.3+	315
91	0.0	05	1 32.3	271	136	0.6	193	1 4.1	316
92	0.0	09	1 32.3	272	137	0.6	196	1 3.0	317
93	0.1	14	1 32.2	273	138	0.6	200	1 1.8	318
94	0.1	19	1 32.1	274	139	0.6	203	1 0.6	319
95	−0.1−	+0.0023−	−1 32.0+	275	140	−0.6−	+0.0206−	−0 59.4+	320
96	0.1	28	1 31.8	276	141	0.6	209	0 58.1	321
97	0.1	33	1 31.6	277	142	0.6	212	0 56.9	322
98	0.2	37	1 31.4	278	143	0.6	214	0 55.6	323
99	0.2	42	1 31.2	279	144	0.6	217	0 54.3	324
100	−0.2−	+0.0047−	−1 30.9+	280	145	−0.6−	+0.0220−	−0 53.0+	325
101	0.2	51	1 30.6	281	146	0.6	223	0 51.6	326
102	0.2	56	1 30.3	282	147	0.6	225	0 50.3	327
103	0.3	60	1 30.0	283	148	0.6	228	0 48.9	328
104	0.3	65	1 29.6	284	149	0.5	230	0 47.6	329
105	−0.3−	+0.0070−	−1 29.2+	285	150	−0.5−	+0.0233−	−0 46.2+	330
106	0.3	74	1 28.8	286	151	0.5	235	0 44.8	331
107	0.3	79	1 28.3	287	152	0.5	237	0 43.4	332
108	0.4	83	1 27.8	288	153	0.5	239	0 41.9	333
109	0.4	87	1 27.3	289	154	0.5	241	0 40.5	334
110	−0.4−	+0.0092−	−1 26.8+	290	155	−0.5−	+0.0243−	−0 39.0+	335
111	0.4	096	1 26.2	291	156	0.5	245	0 37.6	336
112	0.4	101	1 25.6	292	157	0.4	247	0 36.1	337
113	0.4	105	1 25.0	293	158	0.4	249	0 34.6	338
114	0.5	109	1 24.4	294	159	0.4	251	0 33.1	339
115	−0.5−	+0.0114−	−1 23.7+	295	160	−0.4−	+0.0252−	−0 31.6+	340
116	0.5	118	1 23.0	296	161	0.4	254	0 30.1	341
117	0.5	122	1 22.3	297	162	0.4	255	0 28.5	342
118	0.5	126	1 21.5	298	163	0.3	257	0 27.0	343
119	0.5	130	1 20.8	299	164	0.3	258	0 25.5	344
120	−0.5−	+0.0134−	−1 20.0+	300	165	−0.3−	+0.0259−	−0 23.9+	345
121	0.5	138	1 19.2	301	166	0.3	261	0 22.3	346
122	0.6	142	1 18.3	302	167	0.3	262	0 20.8	347
123	0.6	146	1 17.4	303	168	0.2	263	0 19.2	348
124	0.6	150	1 16.5	304	169	0.2	264	0 17.6	349
125	−0.6−	+0.0154−	−1 15.6+	305	170	−0.2−	+0.0264−	−0 16.0+	350
126	0.6	158	1 14.7	306	171	0.2	265	0 14.4	351
127	0.6	162	1 13.8	307	172	0.2	266	0 12.9	352
128	0.6	165	1 12.8	308	173	0.1	267	0 11.3	353
129	0.6	169	1 11.8	309	174	0.1	267	0 9.7	354
130	−0.6−	+0.0173−	−1 10.7+	310	175	−0.1−	+0.0268−	−0 8.0+	355
131	0.6	176	1 9.7	311	176	0.1	268	0 6.4	356
132	0.6	180	1 8.6	312	177	0.1	268	0 4.8	357
133	0.6	183	1 7.5	313	178	0.0	268	0 3.2	358
134	0.6	187	1 6.4	314	179	0.0	268	0 1.6	359
135	−0.6−	+0.0190−	−1 5.3+	315	180	−0.0−	+0.0269−	−0 0.0+	360

$$l' = \lambda + \Delta\lambda - a\,(B - \beta) - L_{☾};\quad b' = B - \beta$$

l', b' = Optische Libration der Mondmitte in selenographischer Länge und Breite.

λ, β = Länge und Breite des Mondmittelpunktes, berechnet für den Beobachtungsort.

$L_{☾}$ = Mittlere Länge des Mondes, ☊ = Mondknoten.

Koordinaten der Sternwarten

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich − östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Abastumani (Mt. Kanobili)	1700	+41 43	− 2 51	− 28.1	+41 32	9.999471
Abbadia	69	+43 22 52.2	+ 0 7 0.1	+ 1.15	+43 11 17.8	9.999317
Åbo	—	+60 26 56.8	− 1 29 6.30	− 14.64	+60 16 58.8	9.998894
Adelaide	41	−34 55 35.1	− 9 14 19.90	− 91.06	−34 44 42.7	9.999526
Albany (Neue Sternw.)[1] .	40	+42 39 12.8	+ 4 55 7.12	+ 48.48	+42 27 39.7	9.999334
Algier (Neue Sternw.)[2] . .	345	+36 48 4.8	− 0 12 8.47	− 1.99	+36 36 58.1	9.999497
Allegheny (Neue Sternw.).	370	+40 28 58.1	+ 5 20 5.39	+ 52.59	+40 17 31.4	9.999411
Allegheny (Alte Sternw.) .	349	+40 27 41.6	+ 5 20 2.97	+ 52.58	+40 16 15.0	9.999411
Amherst (Neue Sternw.) .	110	+42 21 56.5	+ 4 50 5.98	+ 47.66	+42 10 24.0	9.999346
Ann Arbor	282	+42 16 48.7	+ 5 34 55.27	+ 55.02	+42 5 16.4	9.999360
Arcetri Zentr. d. Sternw.[3]).	184	+43 45 14.4	− 0 45 1.30	− 7.39	+43 33 39.5	9.999316
Arequipa[4])	2451	−16 22 28.0	+ 4 46 11.73	+ 47.02	−16 16 12.7	0.000052
Armagh	64	+54 21 11	+ 0 26 35.48	+ 4.37	+54 10 11.4	9.999041
Athen	110	+37 58 15.5	− 1 34 52.2	− 15.58	+37 47 1.2	9.999456
Bamberg (Remeis-Sternw.)	288	+49 53 6.4	− 0 43 33.57	− 7.15	+49 41 40.3	9.999167
Barcelona[5])	415	+41 24 59.3	− 0 8 30.2	− 1.41	+41 13 29.4	9.999391
Bayreuth (Haus d. Erziehung)	354	+49 56 46	− 0 46 18.4	− 7.61	+49 45 20	9.999170
Belgrad	250	+44 48 8	− 1 22 3.8	− 13.48	+44 36 32	9.999294
Bergedorf Mer.-Kr. . .	41	+53 28 46.9	− 0 40 57.74	− 6.73	+53 17 40.8	9.999060
Berkeley	94	+37 52 23.5	+ 8 9 2.91	+ 80.34	+37 41 9.8	9.999458
Berlin-Babelsberg[6]) .	82	+52 24 24.2	− 0 52 25.49	− 8.61	+52 13 11.1	9.999089
Berlin (Urania)[7]) . . .	47	+52 31 30.7	− 0 53 27.40	− 8.78	+52 20 18.3	9.999084
Bern	573	+46 57 8.7	− 0 29 45.55	− 4.89	+46 45 34.5	9.999261
Besançon	312	+47 14 59.0	− 0 23 57.1	− 3.93	+47 3 25.3	9.999236
Blaca	280	+43 17 37	− 1 6 8.0	− 10.86	+43 6 3	9.999334
Bloemfontein Filiale Obs. Univ. Michig.	1490	−29 5 45	− 1 44 57	− 17.24	−28 55 55	9.999758
Bloemfontein Boyden Stat. d. Harv. Obs.	1379	−29 12	− 1 45 57	− 17.40	−29 2	9.999748
Bogota	2640	+ 4 35 55.2	+ 4 56 19.51	+ 48.68	+ 4 34 4.4	0.000111
Bologna Zentr. d. Sternw.	84	+44 29 52.8	− 0 45 24.48	− 7.46	+44 18 17.3	9.999290
Bombay (Colaba) . . .	19	+18 53 36.2	− 4 51 15.60	− 47.85	+18 46 31.1	9.999849
Bonn Zentr. d. Sternw.. .	62	+50 43 45.0	− 0 28 23.18	− 4.66	+50 32 22.7	9.999130
Bordeaux (Floirac). . .	73	+44 50 7.2	+ 0 2 6.56	+ 0.35	+44 38 31.6	9.999281
Bosque Alegre . . . (Filiale v. Cordoba, Reflektor)	1250	−31 35 53	+ 4 18 11.2	+ 42.41	−31 25 33	9.999686
Boston (University)[8]) . .	31	+42 20 58	+ 4 44 19.1	+ 46.71	+42 9 25.6	9.999341
Breslau Zentr. d. Sternw. .	147	+51 6 56.5	− 1 8 8.72	− 11.19	+50 55 36.1	9.999126
Breslau Neue Sternw.[9]) .	117	+51 6 42.1	− 1 8 21.22	− 11.23	+50 55 21.7	9.999130
Brisbane	51	−27 28 23.0	−10 12 6.48	−100.55	−27 18 54.6	9.999694
Brüssel (Alte Sternw.) Pass. Instr. .	56	+50 51 10.7	− 0 17 28.71	− 2.87	+50 39 49.0	9.999126
Brüssel (Uccle) Mer.-Kr. .	105	+50 47 54.6	− 0 17 26.05	− 2.86	+50 36 32.7	9.999131
Budapest Univ.-Sternw. .	110	+47 29 34.7	− 1 16 15.4	− 12.53	+47 18 1.5	9.999215
Budapest-Svábhegy .	470	+47 29 58.6	− 1 15 51.41	− 12.46	+47 18 25.4	9.999240

[1]) Dudley Observatory, seit Juni 1893. Alte Sternwarte 37″0 nördlich, $7^{s}10$ östlich. — [2]) Alte Sternwarte $3^{s}8$ südlich, 8^{s} östlich. — [3]) Seit Oktober 1872, früher in Florenz. — [4]) 1927 geschlossen und nach Bloemfontein verlegt. — [5]) J. Comas Solá. — [6]) Die Koordinaten beziehen sich auf die Mitte der großen Kuppel, in der der große Refraktor aufgestellt ist. Die frühere Sternwarte in Berlin (seit 1835) lag 5′ 52″5 nördlich und $1^{m}\,9^{s}31$ östlich. — [7]) Übungssternwarte der Universität. — [8]) Die alte Sternwarte lag $4^{s}1$ östlich, 34″5 nördlich. — [9]) Geogr. Breite des Vertikalkreises, Länge des Durchgangsinstruments.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich − östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
		° ′ ″	h m s	s	° ′ ″	
Budapest[1])	110	+47 28 49	−1 16 13.7	−12.53	+47 17 16	9.999215
Bukarest (Mil. Geogr. Inst.)	85	+44 24 34.2	−1 44 27.01	−17.16	+44 12 58.7	9.999292
Cambridge Engl. . .	28	+52 12 51.6	−0 0 22.75	− 0.06	+52 1 37.3	9.999090
Cambridge Mass.[2]) . .	24	+42 22 47.6	+4 44 31.05	+46.74	+42 11 15.1	9.999340
Cap d. gut. Hoffnung	10	−33 56 6.8	−1 13 54.60	−12.14	−33 45 23.2	9.999547
Caracas (Observ. Cajigal) .	1042	+10 30 24.3	+4 27 42.61	+43.98	+10 26 15.6	0.000023
Castel Gandolfo . .	—	+41 44 48	−0 50 36.4	− 8.31	+41 33 17	9.999354
Catania.	47	+37 30 13.3	−1 0 20.60	− 9.91	+37 19 1.9	9.999466
Charkow	139	+50 0 9.9	−2 24 55.72	−23.81	+49 48 44.4	9.999153
Charlottenburg, Techn. Hochsch.	60	+52 30 48.7	−0 53 20.5	− 8.76	+52 19 36.2	9.999085
Charlottesville[3]) . . .	259	+38 2 1.2	+5 14 5.33	+51.60	+37 50 46.5	9.999464
Christiania (Oslo) Mer.-Kr.	25	+59 54 43.7	−0 42 53.51	− 7.04	+59 44 39.2	9.998908
Cincinnati (Alte Sternw.) .	—	+39 6 26.5	+5 37 59.09	+55.52	+38 55 6.0	9.999421
Cincinnati (Neue Sternw.)[4])	247	+39 8 19.8	+5 37 41.40	+55.47	+38 56 59.1	9.999437
Cleveland (Case Obs.) . .	215	+41 30 14.5	+5 26 25.86	+53.63	+41 18 44.3	9.999375
Coimbra	99	+40 12 24.5	+0 33 43.1	+ 5.54	+40 0 58.9	9.999400
Columbia Missouri[5]) .	225	+38 56 12	+6 9 18.37	+60.67	+38 44 52.3	9.999442
Cordoba	434	−31 25 15.5	+4 16 47.16	+42.18	−31 14 57.5	9.999635
Danzig (Naturf. Ges.) . .	30	+54 21 18.0	−1 14 39.6	−12.26	+54 10 18.4	9.999036
Danzig (Städt. Sternw.) .	30	+54 21 37.9	−1 14 36.5	−12.26	+54 10 38.3	9.999036
Delaware (Perkins Obs.) .	270	+40 15 4	+5 32 13.33	+54.58	+40 3 38	9.999410
Denver[6])	1644	+39 40 36.4	+6 59 47.72	+68.96	+39 29 13.1	9.999519
Dorpat (Tartu, Jurjew) Mer.-Kr. .	67	+58 22 47.2	−1 46 53.18	−17.56	+58 12 25.1	9.998946
Dresden (Geodät. Inst.) .	168	+51 1 49.3	−0 54 55.1	− 9.02	+50 50 28.5	9.999130
Dresden (Mathem. Salon) .	—	+51 3 14.7	−0 54 55.83	− 9.02	+50 51 54.0	9.999117
Dublin (Dunsink Obs.) . .	86	+53 23 13.1	+0 25 21.1	+ 4.17	+53 12 6.4	9.999065
Düsseldorf (Bilk) . . .	46	+51 12 25.0	−0 27 2.69	− 4.44	+51 1 5.1	9.999117
Dunlap Obs. (Toronto) .	244	+43 51 46	+5 17 41.3	+52.19	+43 40 11	9.999317
Durban	79	−29 50 46.6	−2 4 1.18	−20.37	−29 40 47.0	9.999645
Durham	108	+54 46 6.2	+0 6 19.75	+ 1.04	+54 35 9.8	9.999033
Edinburgh	146	+55 55 30	+0 12 44.1	+ 2.09	+55 44 43.5	9.999008
Edinburgh (Blackf. Hill) .	134	+55 55 28.0	+0 12 44.0	+ 2.09	+55 44 41.5	9.999007
Evanston (Dearborn Obs.)[7])	175	+42 3 27.2	+5 50 41.8	+57.61	+41 51 55.4	9.999358
Faenza (Urania Lamonia) .	45	+44 17 2	−0 47 33.9	− 7.81	+44 5 27	9.999293
Flagstaff (Lowell Obs.) .	2210	+35 12 30.5	+7 26 44.6	+73.39	+35 1 35.8	9.999667
Florenz (Alte Sternw.)[8]) .	73	+43 46 4.1	−0 44 59.6	− 7.39	+43 34 29.2	9.999308
Florenz (Mil. Geogr. Inst.)	72	+43 46 49.4	−0 45 2.5	− 7.40	+43 35 14.5	9.999308
Frankfurt a. M. . . .	121	+50 7 0	−0 34 36.3	− 5.70	+49 55 34.6	9.999149
Genf Mer.-Kr.	406	+46 11 59.3	−0 24 36.53	− 4.04	+46 0 24.1	9.999269
Genua (Mar. Sternw.) Mer.-Kr. . .	108	+44 25 8.1	−0 35 41.28	− 5.86	+44 13 32.6	9.999294
Georgetown D. C. . .	62	+38 54 26.2	+5 8 18.33	+50.65	+38 43 6.7	9.999430
Glasgow Schottl. . .	55	+55 52 42.1	+0 17 10.55	+ 2.82	+55 41 55.2	9.999003

[1]) Observ. der Kgl. Josef-Technischen Hochschule. — [2]) Harvard College Observatory. — [3]) Leander Mc. Cornick Observatory, University of Virginia. — [4]) Mount Lookout seit 1873. — [5]) Laws Observatory. — [6]) University Park, Chamberlin Observatory. — [7]) Früher 6″2 nördl., 0^s5 westl. — [8]) 1872 nach Arcetri verlegt.

Koordinaten der Sternwarten

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich − östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Göttingen Mer.-Kr.	161	+51 31 48.2	−0 39 46.22	− 6.53	+51 20 30.0	9.999117
Gotha (Neue Sternw.)[1] Zentr. d. St.	322	+50 56 37.9	−0 42 50.51	− 7.04	+50 45 16.7	9.999142
Graz	375	+47 4 37.2	−1 1 47.71	−10.15	+46 53 3.2	9.999244
Greenwich Transit Circle	47	+51 28 38.2	0 0 0.00	0.00	+51 17 19.7	9.999110
Groningen	4	+53 13 13.8	−0 26 15.11	− 4.31	+53 2 6.0	9.999064
Grünwald[2]	599	+48 2 7	−0 46 6.55	− 7.58	+47 50 35	9.999235
Hamburg (Alte Sternw.)[3] Mer.-Kr.	25	+53 33 6.0	−0 39 53.60	− 6.55	+53 22 0.4	9.999057
Hamburg (D. Seewarte)	30	+53 32 51.8	−0 39 53.42	− 6.55	+53 21 46.2	9.999058
Hannover N. H.	183	+43 42 15.3	+4 49 8.00	+47.50	+43 30 40.5	9.999317
Haverford	116	+40 0 40.1	+5 1 12.7	+49.48	+39 49 15.4	9.999406
Heidelberg (Wolfs Sternw.)	126	+49 24 35	−0 34 48.4	− 5.72	+49 13 7	9.999159
Heidelberg (Königst.) Mer.-Kr.	570	+49 23 54.6	−0 34 53.13	− 5.73	+49 12 26.8	9.999198
Helsingfors Mer.-Kr.	33	+60 9 42.3	−1 39 49.10	−16.40	+59 59 40.8	9.998903
Helwan	115	+29 51 31.1	−2 5 21.77	−20.59	+29 41 31.4	9.999648
Herrsching (München)	534	+47 59 55	−0 44 43.6	− 7.35	+47 48 23	9.999231
Hongkong	33	+22 18 13.2	−7 36 41.25	−75.02	+22 10 5.8	9.999793
Hyderabad-Deccan[4]	554	+17 25 54.3	−5 13 48.98	−51.55	+17 19 17.7	9.999907
Innsbruck	605	+47 16 6.5	−0 45 31.42	− 7.48	+47 4 32.8	9.999254
Istanbul (Univ. Sternw.)	65	+41 0 45	−1 55 52	−19.03	+40 49 16	9.999377
Jena (Univers.) Zentr. d. St.	164	+50 55 35.6	−0 46 20.22	− 7.61	+50 44 14.3	9.999131
Jena (Winkler)	174	+50 56 15.7	−0 46 20.73	− 7.61	+50 44 54.5	9.999132
Johannesburg	1786	−26 10 52.1	−1 52 17.9	−18.45	−26 1 42.0	9.999839
Johannesburg (Fil. d. Yale Observ.)	1741	−26 11 14	−1 52 7	−18.42	−26 2 4	9.999836
Kairo	—	+30 4 38.2	−2 5 8.80	−20.56	+29 54 35.8	9.999635
Kalocsa[5]	102	+46 31 42.4	−1 15 54.34	−12.47	+46 20 7.6	9.999239
Karlsruhe[6]	110	+49 0 29.6	−0 33 35.40	− 5.52	+48 49 0.4	9.999177
Kasan (Univers.)	79	+55 47 24.3	−3 16 29.03	−32.28	+55 36 36.6	9.999007
Kasan (Engelhardt)	98	+55 50 20.5	−3 15 15.74	−32.08	+55 39 33.2	9.999007
Kew	10	+51 28 6	+0 1 15.1	+ 0.21	+51 16 47.5	9.999108
Kiel Neuer Mer.-Kr.	52	+54 20 27.6	−0 40 35.45	− 6.67	+54 9 27.9	9.999040
Kiel Alter Mer.-Kr.	47	+54 20 28.5	−0 40 35.57	− 6.67	+54 9 28.8	9.999040
Kiew Mer.-Kr.	184	+50 27 11.8	−2 2 0.56	−20.04	+50 15 48.3	9.999145
Kitab	658	+39 8 1.7	−4 27 31.7	−43.95	+38 56 41.0	9.999465
Kodaikanal	2343	+10 13 50	−5 9 52.0	−50.94	+10 9 47.6	0.000114
Königsberg Reps. Mer.-Kr.[7]	22	+54 42 50.6	−1 21 58.98	−13.47	+54 31 53.8	9.999029
Konstanz[8]	420	+47 39 43.6	−0 36 42.01	− 6.03	+47 28 10.7	9.999232
Kopenhagen (Neue Sternw.)[9]	14	+55 41 12.6	−0 50 18.69	− 8.26	+55 30 24.0	9.999005
Kopenhagen (Urania-Sternw.)	10	+55 41 19.2	−0 50 9.11	− 8.24	+55 30 30.6	9.999005
Krakau Mer.-Kr.	221	+50 3 51.9	−1 19 50.28	−13.11	+49 52 26.7	9.999158
Kremsmünster Mer.-Kr.	384	+48 3 23.1	−0 56 31.58	− 9.28	+47 51 51.1	9.999219

[1]) Seit 1857, früher Seeberg. — [2]) Privatsternwarte von Ph. Fauth. — [3]) 1909 nach Bergedorf verlegt. — [4]) Nizamiah Observatory. — [5]) Ezbischöfl. Haynaldsce Sternwarte. — [6]) 1896 nach Heidelberg verlegt. — [7]) Nach 1898, vor 1898 0ˢ.01 westlich. — [8]) Privatsternwarte von E. Leiner. — [9]) Seit 1861 Nov. 11. Alte Sternwarte 20″.3 südlich, 0ˢ.03 westlich.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich − östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Kyoto (Astron. Inst.) . .	55	+35 1 37.1	−9 3 7.0	−89.22	+34 50 43.9	9.999525
Kyoto (Kwasan Observ.) .	220	+34 59 40.3	−9 3 10.24	−89.23	+34 48 47.4	9.999537
Ladd Observ. (Providence)	69	+41 50 15.6	+4 45 35.95	+46.92	+41 38 44.4	9.999357
La Plata Mer.-Kr. Gautier	17	−34 54 30.3	+3 51 43.74	+38.07	−34 43 38.1	9.999525
Leiden (Neue Sternw. Mer.-Kr.)[1] .	6	+52 9 19.8	−0 17 56.15	− 2.94	+51 58 5.2	9.999090
Leipzig (Neue Sternw. Zentr.)[2] .	119	+51 20 5.9	−0 49 33.93	− 8.14	+51 8 46.7	9.999119
Lembang (Bosscha St.) .	1300	− 6 49 29.1	−7 10 27.81	−70.71	− 6 46 45.5	0.000068
Lemberg (Univ.-Sternwarte)	330	+49 49 57.6	−1 36 7.13	−15.79	+49 38 31.4	9.999171
Lemberg (Techn. Hochsch. Pass. Instr.	340	+49 50 11.2	−1 36 3.40	−15.78	+49 38 45.0	9.999171
Leningrad (Petersburg) (Akad.) .	20	+59 56 29.7	−2 1 13.35	−19.91	+59 46 25.5	9.998907
Leningrad (Petersburg) (Univers.) .	4	+59 56 32.0	−2 1 11.3	−19.91	+59 46 27.8	9.998906
Lissabon (Tapada) . . .	94	+38 42 30.5	+0 36 44.68	+ 6.04	+38 31 12.0	9.999437
Lissabon (Mar. Sternw.) .	—	+38 42 17.6	+0 36 33.6	+ 6.01	+38 30 59.2	9.999431
Liverpool (Neue Sternw.)[3]	62	+53 24 4.8	+0 12 17.33	+ 2.02	+53 12 58.2	9.999063
London (Mill Hill) (Obs. of Univ.)	82	+51 36 46.3	+0 0 57.77	+ 0.16	+51 25 28.6	9.999109
Lourenço Marques . .	60	−25 58 5.5	−2 10 22.63	−21.42	−25 48 58.9	9.999725
Lübeck (Navig.-Sch.) . .	19	+53 51 31.1	−0 42 45.6	− 7.02	+53 40 27.8	9.999049
Lund Zentr. d. Sternw. . .	34	+55 41 51.6	−0 52 44.97	− 8.66	+55 31 3.1	9.999006
Lüttich Ougrée . . .	128	+50 37 6	−0 22 12	− 3.65	+50 25 43	9.999137
Lyon	299	+45 41 40.8	−0 19 8.5	− 3.14	+45 30 5.3	9.999274
Madison (Washburn Observ.)	292	+43 4 36.8	+5 57 37.90	+58.75	+42 53 2.9	9.999340
Madras	7	+13 4 8.0	−5 20 59.65	−52.73	+12 59 2.5	9.999926
Madrid Zentr. d. Sternw. .	656	+40 24 30.1	+0 14 45.09	+ 2.43	+40 13 3.7	9.999433
Mailand, Brera . . .	120	+45 27 59.2	−0 36 45.89	− 6.04	+45 16 23.6	9.999268
Manila	3	+14 35 25	−8 3 50	−79.48	+14 29 47	9.999908
Mannheim Zentr. d. Sternw.	98	+49 29 11.0	−0 33 50.42	− 5.56	+49 17 43.5	9.999164
Marburg	248	+50 48 46.9	−0 35 4.9	− 5.76	+50 37 25.0	9.999141
Mare Island Calif. . .	18	+38 5 55.8	+8 9 5.63	+80.35	+37 54 40.8	9.999447
Markree (Col. Cooper) . .	45	+54 10 31.7	+0 33 48.4	+ 5.56	+53 59 30.7	9.999043
Marseille (Neue Sternw. Mer.-Kr.)[4]	75	+43 18 19.1	−0 21 34.56	− 3.54	+43 6 44.8	9.999320
McDonald Observatory (Fort Davis)	2070	+30 40 13	+6 56 6.3	+68.36	+30 30 4	9.999763
McMath-Hulbert Obs. (Lake Angelus)	296	+42 39 47.7	+5 33 3.3	+54.71	+42 28 14.5	9.999351
Melbourne	28	−37 49 53.4	−9 39 54.17	−95.26	−37 38 39.9	9.999454
Merate (Filiale v. Mailand, Brera) .	380	+45 41 54.1	−0 37 42.85	− 6.20	+45 30 18.6	9.999279
Meudon	162	+48 48 18	−0 8 55.5	− 1.46	+48 36 48	9.999185
Middletown, Conn. . .	70	+41 33 18	+4 50 38.2	+47.74	+41 21 47.6	9.999364
Mizusawa	61	+39 8 3.4	−9 24 31.46	−92.74	+38 56 42.7	9.999424
Modena	63	+44 38 52.8	−0 43 42.8	− 7.18	+44 27 17.2	9.999285
Montreal	57	+45 30 20	+4 54 18.63	+48.35	+45 18 44.4	9.999263
Mt. Hamilton (Lick Obs.) (Mer.-Kr.)	1283	+37 20 25.3	+8 6 34.86	+79.94	+37 9 14.9	9.999552
Mt. Wilson, Calif. . .	1742	+34 12 59.5	+7 52 14.33	+77.57	+34 2 13.3	9.999659

[1]) Seit 1860. Alte Sternwarte $8''0$ nördlich, $0^{s}42$ östlich. — [2]) Seit 1861. Alte Sternwarte $14''2$ nördlich, $4^{s}00$ westlich. — [3]) Alte Sternwarte $44''0$ nördlich, $17^{s}1$ östlich. — [4]) Seit 1866. Alte Sternwarte $30''1$ südlich, $6^{s}2$ westlich; Seehöhe 29^{m}.

Koordinaten der Sternwarten

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich − östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Moskau Mer.-Kr. . . .	142	+55 45 19.5	−2 30 17.03	−24.69	+55 34 31.5	9.999012
Mundenheim[1]) . . .	—	+49 27 30	−0 33 44	− 5.54	+49 16 2	9.999158
München (West-Kuppel) .	529	+48 8 45.5	−0 46 26.02	− 7.63	+47 57 13.8	9.999227
Münster	75	+51 57 45.8	−0 30 29.66	− 5.01	+51 46 30.0	9.999100
Nashville (Vanderbilt Obs.)	174	+36 8 58.2	+5 47 12.81	+57.04	+35 57 56.1	9.999506
Neapel (Capo di Monte) .	154	+40 51 45.7	−0 57 1.40	− 9.37	+40 40 17.6	9.999387
Neuchâtel Refraktor . .	488	+46 59 49.5	−0 27 49.77	− 4.57	+46 48 15.4	9.999254
New Haven (Neue Stw.) [2])	40	+41 19 22.3	+4 51 40.58	+47.92	+41 7 52.7	9.999368
New York (Rutherfurd) .	—	+40 43 48.5	+4 55 56.66	+48.62	+40 32 20.9	9.999380
New York (Columb. Obs.)	—	+40 45 23.1	+4 55 53.73	+48.61	+40 33 55.4	9.999379
Nikolajew Mer.-Kr. . .	55	+46 58 19.3	−2 7 53.98	−21.01	+46 46 45.1	9.999225
Nizza Kl. Mer.-Kr.[3]) . .	378	+43 43 16.9	−0 29 12.15	− 4.79	+43 31 42.0	9.999330
Northfield (Goodsell Obs.)	290	+44 27 41.4	+6 12 35.94	+61.21	+44 16 5.9	9.999305
Oakland Californ. [4]) .	99	+37 47	+8 8 48	+80.30	+37 35 47	9.999460
Oak Ridge (Filiale d. Harvard Obs.)	183	+42 30 13	+4 46 14.2	+47.02	+42 18 40	9.999347
Odessa (Univ.-Stw.) Mer.-Kr.	55	+46 28 36.2	−2 3 2.05	−20.21	+46 17 1.3	9.999237
Odessa (Filiale Pulkowa) .	—	+46 28 36.0	−2 3 2.19	−20.21	+46 17 1.1	9.999234
Oslo (Christiania) Mer.-Kr..	25	+59 54 43.7	−0 42 53.51	− 7.04	+59 44 39.2	9.998908
Ottawa Mer.-Kr. . . .	85	+45 23 39.1	+5 2 51.98	+49.75	+45 12 3.5	9.999267
Oxford (Radcl. Obs.) . .	65	+51 45 33.9	+0 5 3.0	+ 0.83	+51 34 17.0	9.999104
Oxford (Univers.) . . .	64	+51 45 34.2	+0 5 0.4	+ 0.82	+51 34 17.3	9.999104
Oxford, Mississippi . .	140	+34 22 12.6	+5 58 7.18	+58.83	+34 11 25.1	9.999546
Padua	38	+45 24 1.9	−0 47 29.15	− 7.80	+45 12 26.3	9.999261
Palermo	72	+38 6 44.0	−0 53 25.87	− 8.78	+37 55 28.9	9.999451
Paris (Obs. nat.) Mer. Cassini	59	+48 50 11.2	−0 9 20.93	− 1.53	+48 38 41.5	9.999177
Paris (Montsouris) westl. Mer.	—	+48 49 18.0	−0 9 20.6	− 1.53	+48 37 48.2	9.999174
Peking	—	+39 54 23.0	−7 45 52.87	−76.53	+39 42 58.7	9.999401
Perkins Obs. (Delaware)	270	+40 15 4	+5 32 13.33	+54.58	+40 3 38	9.999410
Perth, West-Austr. . .	60	−31 57 10.7	−7 43 21.62	−76.12	−31 46 46.9	9.999597
Petersburg (Leningrad) (Akademie) .	20	+59 56 29.7	−2 1 13.35	−19.91	+59 46 25.5	9.998907
Petersburg (Leningrad) (Univers.) .	4	+59 56 32.0	−2 1 11.3	−19.91	+59 46 27.8	9.998906
Philadelphia[5])	74	+39 58 2.1	+5 1 6.88	+49.47	+39 46 37.5	9.999404
Pic du Midi (Filiale v. Toulouse) .	2850	+42 56 31.5	−0 0 34.29	− 0.09	+42 44 57.8	9.999518
Plonsk[6])	—	+52 37 40.0	−1 21 31.9	−13.39	+52 26 28.2	9.999078
Pola	32	+44 51 48.6	−0 55 23.07	− 9.10	+44 40 12.9	9.999277
Porto Alegre[7]) Mer.-Kr..	—	−30 1 51	+3 24 53.2	+33.66	−29 51 49	9.999636
Posen	85	+52 23 48.6	−1 7 30.60	−11.09	+52 12 35.4	9.999090

[1]) Dr. Max Mündler. — [2]) Yale University. Alte Sternwarte 45.″8 südlich, 1.s58 westlich. — [3]) Herr R. Bischofsheim. — [4]) Chabot Observatory. — [5]) Flower Obs. (Univ. of Pennsylvania). — [6]) Dr. Jedrzejewicz; 1898 nach Warschau verlegt. — [7]) Observatorio Regional do Rio Grande do Sul.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich − östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Potsdam (Astrophys. Obs.).	97	+52 22 56.0	− 0 52 15.86	− 8.59	+52 11 42.7	9.999091
Potsdam (Geod. Inst.) Turm	99	+52 22 54.8	− 0 52 16.11	− 8.59	+52 11 41.5	9.999091
Potsdam (Geod. Inst.) . . Östl. Meridianh.	99	+52 22 54	− 0 52 16.058	− 8.586	+52 11 41	9.999091
Poughkeepsie[1]) . . .	61	+41 41 18	+ 4 55 35.2	+48.56	+41 29 47	9.999360
Prag (Univ.-Stw.) Turm . .	197	+50 5 16.0	− 0 57 40.29	− 9.47	+49 53 50.9	9.999155
Princeton N. J. (N.Stw.)[2])	75	+40 20 55.8	+ 4 58 39.44	+49.06	+40 9 29.7	9.999395
Providence (Ladd. Observ.)	69	+41 50 15.6	+ 4 45 35.95	+46.92	+41 38 44.4	9.999357
Pulkowa Zentr. d. Stw. .	75	+59 46 18.5	− 2 1 18.57	−19.93	+59 36 12.3	9.998914
Pulsnitz[9])	284	+51 10 54.6	− 0 56 4.18	− 9.21	+50 59 34.6	9.999134
Quebec Canada . . .	90	+46 47 59.2	+ 4 44 52.71	+46.80	+46 36 24.8	9.999231
Quito	2846	− 0 14 0	+ 5 13 58.20	+51.58	− 0 13 54	0.000194
Riga (Polytechnikum) Turm	—	+56 57 7	− 1 36 28.11	−15.84	+56 46 30	9.998974
Rio de Janeiro. . . .	63	−22 54 23.7	+ 2 52 41.52	+28.37	−22 46 6.0	9.999784
Rio de Janeiro (N. Stw.)	33	−22 53 42.1	+ 2 52 53.6	+28.40	−22 45 24.7	9.999782
Rom (Coll. Rom.) Mer.-Kr.	59	+41 53 53.6	− 0 49 55.36	− 8.19	+41 42 22.3	9.999354
Rom (Capitol) Mer.-Kr. . .	65	+41 53 33.2	− 0 49 56.34	− 8.20	+41 42 1.9	9.999355
Rom (Vatican) Mer.-Kr. [8])	100	+41 54 12.4	− 0 49 48.26	− 8.18	+41 42 41.1	9.999357
Rousdon	157	+50 42 38	+ 0 11 58.9	+ 1.96	+50 31 16	9.999137
Rugby	119	+52 22 30	+ 0 5 2.0	+ 0.83	+52 11 16.7	9.999093
St. Louis Missouri . .	—	+38 38 3.6	+ 6 0 49.15	+59.28	+38 26 45.5	9.999433
Saltsjöbaden (Stockholms Observator.)	55	+59 16 18	− 1 13 14	−12.03	+59 6 6	9.998924
San Fernando	30	+36 27 42.0	+ 0 24 49.30	+ 4.08	+36 16 37.7	9.999488
San Francisco[3]) . . .	—	+37 47 28.0	+ 8 9 42.81	+80.45	+37 36 14.8	9.999453
Santiago de Chile (N. St.)	580	−33 33 44.2	+ 4 42 46.0	+46.44	−33 23 4.1	9.999595
Santiago de Chile (A. St.)	619	−33 26 25.4	+ 4 42 36.9	+46.42	−33 15 46.4	9.999600
Sendai (Durchg.-Instr.) .	36	+38 15 14.9	− 9 23 29.49	−92.57	+38 3 59.0	9.999444
Sétif	1120	+36 11 10	− 0 21 38.6	− 3.55	+36 0 7.7	9.999569
Simeïs	360	+44 24 11.6	− 2 15 59.38	−22.34	+44 12 36.1	9.999312
Sofia (Mil. Geogr. Jnst.). .	555	+42 41 51	− 1 33 19.87	−15.33	+42 30 18	9.999368
Sofia (Universitätssternwarte)	572	+42 41 1.7	− 1 33 23.3	−15.34	+42 29 28.5	9.999369
Sonneberg (Erbisbühl). .	640	+50 22 41.4	− 0 44 46.19	− 7.36	+50 11 17.5	9.999178
South Hadley	76	+42 15 18.2	+ 4 50 19	+47.69	+42 3 45.9	9.999346
Stalinabad (Tadjik Observ.)	—	+38 33 30	− 4 35 6.2	−45.19	+38 22 12	9.999434
Stará Dala[4])	113	+47 52 27.3	− 1 12 45.49	−11.95	+47 40 54.9	9.999206
Stockholm (Alte St.) M.-Kr.[5])	44	+59 20 32.7	− 1 12 13.97	−11.86	+59 10 21.4	9.998922
Stonyhurst	116	+53 50 40.0	+ 0 9 52.7	+ 1.62	+53 39 36.5	9.999056
Straßburg (N.St.). M.-Kr.[6])	144	+48 35 0.4	− 0 31 4.53	− 5.10	+48 23 29.9	9.999190
Stuttgart (Schwäb.Sternw.)	344	+48 47 0.7	− 0 36 47.39	− 6.04	+48 35 30.8	9.999198
Swarthmore (Sproul Obs.) Refraktor	63	+39 54 16.2	+ 5 1 25.62	+49.52	+39 42 51.9	9.999405
Sydney	44	−33 51 41.1	−10 4 49.54	−99.36	−33 40 58.2	9.999551
Sydney (Riverview Coll. Obs.)	42	−33 49 45.7	−10 4 37.99	−99.33	−33 39 3.1	9.999552
Tacubaya[7])	2311	+19 24 17.9	+ 6 36 46.71	+65.18	+19 17 3.0	9.999997
Tartu (Dorpat, Jurjew) Mer.-Kr.	67	+58 22 47.2	− 1 46 53.19	−17.56	+58 12 25.1	9.998946
Taschkent Mer.-Kr. . . .	475	+41 19 31.6	− 4 37 10.88	−45.53	+41 8 2.0	9.999397

[1]) Vassar College. — [2]) Alte Sternwarte 2″.0 nördlich, 1.s94 östlich; 65m. — [3]) Davidson Observatory. — [4]) Früher O-Gyalla. — [5]) Neue Sternwarte seit 1931 in Saltsöbaden. — [6]) Seit Anfang 1881. — [7]) Seit März 1883, früher in Chapultepec. — [8]) 1933 nach Castel Gandolfo verlegt. — [9]) Privatsternwarte des Herrn Classen.

Koordinaten der Sternwarten

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich — östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Teramo (Cerulli)	398	+42 39 27	— 0 54 55.8	— 9.02	+42 27 54	9.999358
Tokio Mer.-Kr.	57	+35 40 19	— 9 18 9.90	— 91.69	+35 29 21	9.999509
Toronto (Univ. Obs.) . .	110	+43 39 46.0	+ 5 17 34.70	+ 52.17	+43 28 11.2	9.999313
Toronto (Dunlap Obs.) . .	244	+43 51 46	+ 5 17 41.3	+ 52.19	+43 40 11	9.999317
Tortosa (Ebro-Stw.) M.-Kr.	54	+40 49 14	— 0 1 58	— 0.32	+40 37 46	9.999382
Toulouse Mer.-Kr. . . .	195	+43 36 44.0	— 0 5 51.01	— 0.96	+43 25 9.3	9.999329
Triest (R. Oss. Astr.) . . .	68	+45 38 35.5	— 0 55 4.92	— 9.05	+45 27 0.0	9.999259
Tsingtau (Met.-astr. Stat.).	—	+36 4 11.3	— 8 1 16.21	— 79.06	+35 53 9.8	9.999496
Tucson Arizona (Steward Obs.) .	757	+32 13 59.4	+ 7 23 47.68	+ 72.90	+32 3 32.6	9.999638
Turin Mer.-Kr.	276	+45 4 7.9	— 0 30 47.15	— 5.06	+44 52 32.2	9.999288
Turin (Pino Torinese) .	618	+45 2 16.3	— 0 31 6.52	— 5.11	+44 50 40.6	9.999312
Turku (Spiegelteleskop). .	28	+60 27 8.7	— 1 28 55.03	— 14.61	+60 17 10.7	9.998896
Upsala (N. Stw.) Pass.-Instr.	21	+59 51 29.4	— 1 10 30.13	— 11.58	+59 41 24.2	9.998909
Urbana Jll.	236	+40 6 20.2	+ 5 52 53.90	+ 57.97	+39 54 55.1	9.999412
Utrecht.	12	+52 5 9.5	— 0 20 31.6	— 3.37	+51 53 54.4	9.999093
Valkenburg (Ignatius Coll.)	100	+50 52 29.3	— 0 23 19.91	— 3.83	+50 41 7.8	9.999129
Venedig	15	+45 26 10.5	— 0 49 22.12	— 8.11	+45 14 34.9	9.999261
Victoria B.C. (Dominion Obs.)	229	+48 31 15.7	+ 8 13 40.17	+ 81.18	+48 19 45.0	9.999197
Warschau[1]) Zentr. d. Stw.	121	+52 13 4.6	— 1 24 7.25	— 13.82	+52 1 50.3	9.999097
Warschau[2])	—	+52 13 10	— 1 24 4.8	— 13.81	+52 1 56	9.999088
Warschau (Techn.Hochsch.)	144	+52 13 21.0	— 1 24 2.4	— 13.81	+52 2 6.8	9.999098
Washington (Alte Stw.) .	31	+38 53 38.9	+ 5 8 12.13	+ 50.63	+38 42 19.4	9.999428
Washington (Neue Stw.) .	82	+38 55 14.0	+ 5 8 15.78	+ 50.64	+38 43 54.4	9.999431
Washington (Kath. Univ.)	—	+38 56 14.8	+ 5 8 0.0	+ 50.60	+38 44 55.1	9.999425
Wellington Transit Instr.[3])	127	—41 17 3.8	—11 39 4.27	—114.84	—41 5 34.3	9.999375
West Point N. Y. (N.Stw.)[4])	170	+41 23 22.1	+ 4 55 50.6	+ 48.60	+41 11 52.3	9.999375
Wien (Alte Sternw.) . . .	167	+48 12 35.5	— 1 5 31.61	— 10.76	+48 1 3.9	9.999201
Wien (Josephstadt)[5]) . . .	214	+48 12 53.8	— 1 5 25.17	— 10.74	+48 1 22.2	9.999204
Wien (Neue Sternw.) Zentr.	240	+48 13 55.3	— 1 5 21.35	— 10.73	+48 2 23.8	9.999205
Wien (Ottakring)[6]) . . .	285	+48 12 46.7	— 1 5 10.97	— 10.71	+48 1 15.1	9.999209
Wien (Mil. Geogr. Inst. .	211	+48 12 40.5	— 1 5 26.24	— 10.75	+48 1 8.9	9.999203
Wien (Techn. Hochschule) .	198	+48 11 58.3	— 1 5 29.76	— 10.76	+48 0 26.7	9.999204
Wilhelmshaven Mer.-Kr.	9	+53 31 52.1	— 0 32 35.15	— 5.35	+53 20 46.4	9.999057
Williams-Bay Wisc.[7]) .	334	+42 34 12.6	+ 5 54 13.24	+ 58.19	+42 22 39.6	9.999356
Williamstown Mass. .	213	+42 42 49	+ 4 52 53.5	+ 48.12	+42 31 16	9.999344
Wilna Pass.-Instr. . . .	122	+54 40 59.1	— 1 41 8.76	— 16.61	+54 30 2.1	9.999036
Windhuk	1685	—22 35 26.6	— 1 8 15.07	— 11.21	—22 27 14.3	9.999901
Wolfersdorf	279	+50 47 20.0	— 0 46 50.94	— 7.70	+50 35 58.0	9.999143
Würzburg (Neue Univ.-Sternw. Zentr.)	207	+49 47 13.4	— 0 39 44.63	— 6.53	+49 35 52.1	9.999163
Zô-sè China	100	+31 5 47.6	— 8 4 44.75	— 79.63	+30 55 33.2	9.999619
Zürich Meridian-Kreis . .	468	+47 22 38.3	— 0 34 12.3	— 5.62	+47 11 4.8	9.999242

[1]) Universitäts-Sternwarte. — [2]) Dr. Jedrzejewicz; seit 1898, früher in Plonsk. — [3]) Dominion Observatory. — [4]) Seit 1883. Alte Sternwarte 9″ nördlich, 1^{s}2 östlich. — [5]) von Oppolzers Sternwarte. — [6]) v. Kuffner. — [7]) Yerkes Observatory.

Normalzeit = Mittl. Ortszeit des Meridians	Bezeichnung	Staaten
östl. Gr. h m		
11 30	—	Neuseeland
10 0	Ostaustralische Z.	Victoria, Neu Süd-Wales, Queensland, Tasmanien, Neu-Guinea
9 30	Südaustralische Z.	Süd-Australien
9 0	Mittl. Japan-Z.	Japan, Mandschukuo, Korea
8 0	Chinesische Küsten-Z.	Ostküste von China, Philippinen, Celebes, West-Australien
7 30	Java-Zeit	Bali, Borneo, Java, Lombok
7 0	Südchinesische Küsten-Z.	Südküste von China, Franz. Indochina, Thailand
5 30	—	Indien, Ceylon
4 0	—	Europ. Rußland*) von 40° bis 52° 30′ östl. Länge
3 0	—	Europ. Rußland*) westl. von 40° östl. Länge
2 45	—	Deutsch-Ostafrika
2 0	Osteuropäische Z.	Finnland, Bulgarien, Rumänien, Griechenland, Türkei, Palästina, Ägypten, Süd-Afrika, Deutsch-Südwest-Afrika
1 0	Mitteleuropäische Z. (M. E. Z.)	Norwegen, Schweden, Dänemark, Deutschland, Ungarn, Schweiz, Italien, Protektorat Böhmen und Mähren, Slowakei, Kroatien, Kamerun
0 20	Amsterdamsche Zeit	Niederlande
h m 0 0	Westeuropäische Z. (Greenwich Z.)	Belgien, Frankreich, Großbritannien und Irland, Luxemburg, Portugal, Spanien, Gibraltar, Algerien
westl. Gr. h m		
1 0	—	Island, Madeira, Kanarische Inseln
2 0	—	Azoren, Kap Verdesche Inseln, Grönland-Scoresbysund
3 0	—	Ost-Brasilien, Grönland-Westküste und Angmagsalik, Argentinien (1. Nov.—Ende Febr.), Uruguay (Nov.—März)
3 30	—	Uruguay (April—Okt.)
4 0	Intercolonial St. Time	Mittel-Brasilien, Argentinien (1. März—31. Okt.), Canada (Küste), Paraguay, Chile, Bolivien
4 30	—	Venezuela
5 0	Eastern St. Time	Canada (Quebec, Ontario zwisch. 68° u. 90° westl.), Verein. Staat. (Ost-Zone), Panama, Peru, Ecuador, West-Brasilien, Columbien
6 0	Central St. Time	Zentral-Zone von Canada u. v. d. Verein. Staaten, Mexico, mit Ausnahme des nördl. Teiles
7 0	Mountain St. Time	Gebirgszone von Canada u. v. d. Verein. Staaten
8 0	Pacific St. Time	Vereinigte Staaten (Pacifische Küste), Britisch Columbien, nördl. Mexico
9 0	—	laska östl. von 141° westl. Länge
10 0	—	Alaska zwischen 141° und 162° westl. Länge
10 30	—	Hawaii (Sandwich Inseln)
11 0	—	Alaska westl. von 162°, Aleuten, Samoa

*) Im Gebiet der Sowjet-Republiken sind alle Uhren 1 Stunde vorgestellt.

Besondere Erläuterungen zu den Angaben und zum Gebrauch des Jahrbuchs.

Das Jahrbuch gibt die Örter der *Planeten* in geozentrischen und in heliozentrischen Koordinaten. Die Zeitpunkte, für die sie gelten, sind in Welt-Zeit ausgedrückt, wenn nicht ausdrücklich eine andere Zeit angegeben wird. **Welt-Zeit ist identisch mit Bürgerlicher Zeit Greenwich.** Der bürgerliche Tag beginnt um Mitternacht, die Welt-Zeit-Stunden sind von 0^h bis 24^h durchgezählt. Die Beziehung zu der bis zum Jahrgang 1924 (einschließlich) im Jahrbuch verwendeten Mittleren Zeit Greenwich besteht darin, daß der astronomische mittlere Tag erst am Mittag des bürgerlichen Tages, also 12^h nach dessen Anfang beginnt. Somit ist 1925 Jan. 1, 0^h Welt-Zeit gleich 1924 Dez. 31, 12^h Mittlere Zeit Greenwich.

Die Örter der *Fixsterne* sind gegeben als »Mittlere Sternörter«, bezogen auf das mittlere Äquinoktium des Jahresanfangs, und in Ephemeridenform als »Scheinbare Sternörter«, bezogen auf das instantane wahre Äquinoktium.

Zur Erläuterung ist im einzelnen folgendes zu bemerken:

Sonnenephemeride (S. 2—29 und 100—108).

Der erste Teil der Sonnenephemeride (S. 2—19) gibt auf den linken Seiten für 0^h Welt-Zeit an jedem Tage:

1) Die Zeitgleichung = Wahre Zeit *minus* Mittlere Zeit.

2) Die geozentrischen, äquatorialen Koordinaten α, δ des scheinbaren Sonnenorts, bezogen auf das jedesmalige wahre Äquinoktium, zugleich mit der ersten Differenzenreihe. Diese Angaben sind direkt mit den Beobachtungen vergleichbar. Die Nutationsglieder kurzer Periode sind, wie im Vorwort erwähnt, in den Koordinaten nicht enthalten.

3) Die halbe Durchgangsdauer (in Sternzeit) der Sonnenscheibe durch den Meridian.

4) Den geozentrischen Halbmesser der Sonnenscheibe, d.i. der Winkel, unter dem der Sonnenhalbmesser vom Erdmittelpunkt aus erscheint.

Die rechten Seiten geben:

1) Die Julianische Zeit, d.i. die Anzahl der seit Beginn der Julianischen Periode verflossenen mittleren Sonnentage.

2) Die Sternzeit für 0^h Welt-Zeit. In ihr sind, wie im Vorwort erwähnt, nur die langperiodischen Glieder der Nutation enthalten.

Um für einen Erdort der westlichen Längendifferenz $\Delta\lambda$ (in Stunden) gegen Greenwich die Sternzeit in seiner mittleren Mitternacht zu erhalten, ist zu diesen Angaben hinzuzulegen: $9^s.8565\ \Delta\lambda$. Diese Werte finden sich unter der Überschrift: »Korr. der Sternzeit« im Verzeichnis der Sternwarten.

3) Die Nutation in Rektaszension getrennt nach langperiodischen und kurzperiodischen Gliedern.

4) Die geozentrischen ekliptikalen Koordinaten λ, β der Sonne, bezogen auf das mittlere Äquinoktium des Jahresanfangs, sowie die Entfernung R der Erde von der Sonne. Diese Angaben finden bei Bahnberechnungen u. dergl. Verwendung.

5) Die bürgerlichen Ortszeiten des Aufgangs und Untergangs der Sonne für einen Ort des Nullmeridians in + 50° Breite; sie sind mit der Horizontalrefraktion 34′ berechnet und gelten für den oberen Rand der Sonne. Um daraus für einen beliebigen anderen Ort zwischen +30° und + 60° geographischer Breite die entsprechenden Angaben zu erhalten, ist die Tabelle S. 380*, 381* zu benutzen.

Auf S. 20—28 folgen, bezogen auf das mittlere Äquinoktium des Jahresanfangs, die rechtwinkligen, geozentrischen, äquatorialen Sonnenkoordinaten für 0^h Welt-Zeit mit ihren ersten und zweiten Differenzen. Die gleichen Koordinaten, jedoch bezogen auf das Normaläquinoktium 1950.0, werden auf S. 100—108 gegeben.

Die Werte von X, Y, Z sind auf 6 Dezimalen gegeben. Die Ephemeriden bieten jedoch die Möglichkeit, die Sonnenkoordinaten auch auf 7 Dezimalen zu entnehmen. Zu diesem Zwecke füge man an die 6-stelligen Werte eine Null an und vereinige sie algebraisch mit den Werten von ΔX, ΔY, ΔZ. Ein ausführliches Beispiel hierfür ist im Jahrgang 1933, S. 362* gegeben.

Die gleichen Vorschriften gelten für die auf das Normaläquinoktium 1950.0 bezogenen Sonnenkoordinaten auf S. 100—108.

Am Fuß der Seite 28 finden sich die Zeiten für die Anfänge der Jahreszeiten und für die Erdnähe und Erdferne der Sonne.

Die Seite 29 enthält die Aberration, Parallaxe, mittlere Länge $L_{\odot}$ und mittlere Anomalie $M_{\odot}$ der Sonne im Intervall von je 10 Tagen.

Mondephemeride (S. 30 – 48).

Die Mondephemeride (S. 30—47) gibt auf den linken Seiten für 0^h Welt-Zeit:

1) Die scheinbare Rektaszension und Deklination des Mondmittelpunktes mit den ersten Differenzen.

2) Die Äquatorial-Horizontalparallaxe $p_{☾}$ des Mondes.

3) Den geozentrischen Mondhalbmesser $r_{☾}$, d. i. der Winkel, unter dem der Mondhalbmesser vom Erdmittelpunkt aus erscheint.

4) Die Länge und Breite des Mondes, abgekürzt auf 0°001.

Die rechten Seiten enthalten:

1) Für den oberen Durchgang des Mondes durch den Meridian von Greenwich die genäherten Angaben für die Rektaszension, Deklination und Parallaxe des Mondmittelpunktes, sowie die bürgerliche Greenwicher Zeit dieses Durchgangs, nebst den Änderungen für 1^h westlicher Längendifferenz.

2) Die bürgerlichen Ortszeiten des Aufgangs und Untergangs des Mondes für einen Ort des Nullmeridians in + 50° Breite nebst Änderung

für 1^h westlicher Längendifferenz; sie sind mit der Horizontalrefraktion 34′ berechnet und gelten für den oberen Rand des Mondes. Um daraus für einen beliebigen anderen Ort zwischen +30° und +60° geographischer Breite die entsprechenden Angaben zu erhalten, ist die Tabelle S. 382*, 383* zu benutzen.

Seite 48 enthält die Zeitangaben für die Phasen und die Erdnähe und Erdferne des Mondes.

Ephemeriden der Großen Planeten (S. 49—99 und 109—112).

Die geozentrischen Örter der Planeten sind für Merkur, Venus, Mars, Jupiter, Saturn von Tag zu Tag, für Uranus, Neptun und Pluto von 4 zu 4 Tagen für 0^h Welt-Zeit mit ihren ersten Differenzen gegeben. Für die Planeten Merkur bis Neptun sind scheinbare, auf das momentane wahre Äquinoktium bezogene Örter gegeben. Die Örter von Pluto sind auf das mittlere Äquinoktium 1950.0 bezogen und sind nicht wegen Aberration korrigiert. Zur bequemeren Vergleichung der Beobachtungen mit der Ephemeride sind bei diesem Planeten Fixsternaberration und Lichtzeit in besonderen Spalten angeführt. Die letzte Spalte gibt die bürgerliche Zeit (Greenwich) der oberen Kulmination in Greenwich.

Die Örter von Pluto sind nach den Elementen XIX von E.C. Bower, Lick Observatory Bulletin 437, unter Berücksichtigung der Störungen durch Jupiter, Saturn, Uranus und Neptun berechnet.

Die scheinbaren Halbmesser in der Einheit der Entfernung sind:

Merkur	3″34	Saturn (äquat.)	83″33
Venus	8.41	» (polar)	74.57
Mars	4.68	Uranus	34.28
Jupiter (äquat.)	98.47	Neptun	36.56
» (polar)	91.91		

Die heliozentrischen Ephemeriden der Planeten (S. 109—112) geben den Log. des Radiusvector, die Länge, deren Reduktion auf die Bahn und die Breite bezogen auf das mittlere Äquinoktium 1950.0.

☊ und i stellen die Bahnlage für die Epoche 1950.0 und das Normaläquinoktium 1950.0 dar.

Die Genauigkeit und Ausführlichkeit dieser heliozentrischen Angaben sind ihrem Hauptzweck, zur Berechnung der speziellen Störungen zu dienen, angepaßt.

Die beigefügten Werte der Planetenmassen sind die den Tafeln von Newcomb und von Hill zugrunde liegenden. Für die Erde ist noch besonders zu erwähnen, daß die Masse von »Erde + Mond« gegeben ist, Radiusvector und heliozentrische Länge sich auf den Schwerpunkt des Systems »Erde + Mond« beziehen.

Mittlere Örter von 1535 Fixsternen (S. 2*—40*).

Die mittleren Örter der 1535 Fixsterne sind aus den Angaben des Dritten Fundamentalkatalogs des Berliner Astronomischen Jahrbuchs

(I. Teil: Veröffentlichungen des *Astronomischen Rechen-Institus* Nr. 54, II. Teil: Abhandlungen der *Preußischen Akademie der Wissenschaften* Jahrg. 1938, Phys. math. Klasse Nr. 3) abgeleitet worden. Die in Teil I durch ein † gekennzeichneten Sterne sind von 1944 ab weggelassen worden. Die in Teil II enthaltenen Zusatzsterne sind durch ihre Nummern, die alle über 1000 liegen, leicht zu erkennen. Die zusätzlichen Polsterne sind mit den griechischen Buchstaben α—π bezeichnet. Die Örter aller Polsterne sind durch trigonometrische Übertragung erhalten worden. Die jährlichen Veränderungen gelten für die Mitte des Jahres. Ein * vor dem Namen weist auf eine Anmerkung am Fuß der Seite hin.

Unter Gr. stehen die visuellen Größen, welche aus dem „Henry Draper Catalogue (Harvard Annals, Vol. 91—99)" entnommen sind. Bei einigen weiten Doppelsternen ist an Stelle der im H. D. C. angegebenen Gesamthelligkeit die Helligkeit der hellen Komponente angeführt. Bei Veränderlichen sind die Grenzen der Helligkeit angegeben; beziehen sich diese auf photographische Größen, so sind sie durch kursiven Druck kenntlich gemacht.

Die Spektren sind aus dem Draper Katalog übernommen worden. Zusammengesetzte Spektren sind durch + gekennzeichnet. In anderen Fällen beziehen sich, wo 2 Spektren gegeben sind, diese auf die Komponenten eines Doppelsterns.

Scheinbare Örter von 584 Fixsternen (S. 41*—250*).

Die scheinbaren Rektaszensionen und Deklinationen der Fixsterne sind für den Moment der oberen Kulmination im Meridian von Greenwich gegeben.

Die Ephemeriden der 560 Sterne mit Deklinationen kleiner als 80°, deren scheinbare Örter von 10 zu 10 Sterntagen gegeben sind, enthalten die kurzperiodischen Mondglieder der Nutation nicht. Das Datum des Tages, an welchem zwei Kulminationen stattfinden, ist in kleinem Druck vor der Rektaszensionsspalte angeführt.

Die jährliche Parallaxe ist bei folgenden Sternen berücksichtigt, bei denen sie hinreichend verbürgt erscheint, nämlich:

Nr. 10	ζ Tucanae	mit	0″133	Nr. 538	α Centauri	mit	0″756
Nr. 11	β Hydri	»	0.143	Nr. 667	μ Herculis	»	0.109
Nr. 59	τ Ceti	»	0.298	Nr. 695	χ Draconis	»	0.119
Nr. 127	ε Eridani	»	0.305	Nr. 699	α Lyrae	»	0.121
Nr. 257	α Canis maj.	»	0.377	Nr. 745	α Aquilae	»	0.208
Nr. 291	α Canis min.	»	0.291	Nr. 754	δ Pavonis	»	0.174
Nr. 295	β Geminor.	»	0.100	Nr. 793	61 Cygni	»	0.299
Nr. 445	β Virginis	»	0.101	Nr. 805	γ Pavonis	»	0.113
Nr. 470	β Canum ven.	»	0.108	Nr. 867	α Piscis austr.	»	0.135
Nr. 492	β Comae	»	0.121	Nr. 875	Br 3077 Cass.	»	0.146
Nr. 513	η Bootis	»	0.112				

Von den im B. J. nicht mit Ephemeriden versehenen Sternen des FK 3 besitzen noch folgende hinreichend verbürgte Parallaxen:

Nr. 119	82 G. Eridani	0″.159	Nr. 1073	268. G. Ceti	0″.147
Nr. 135	δ Eridani	0.112	Nr. 1093	ϰ Ceti	0.106
Nr. 217	γ Leporis	0.122	Nr. 1134	π^3 Orionis	0.128
Nr. 239	α Mensae	0.118	Nr. 1300	61 Ursae maj.	0.109
Nr. 825	ε Indi	0.288	Nr. 1307	Grb 1830 U Maj	0.108
Nr. 1019	96 G. Pisc.	0.148	Nr. 1345	61 Virginis	0.116
Nr. 1030	μ Cassiop.	0.130	Nr. 1391	33 G. Librae	0.172

Die Ephemeriden der auf S. 2*—40* eingeklammerten Sterne findet man in «Apparent Places of Fundamental Stars». H. M. Stationary Office, London.

Es folgen die scheinbaren Örter von 20 Polsternen für jede obere Kulmination. Sie enthalten die kurzperiodischen Mondglieder nicht, jedoch sind deren Werte in besonderen Spalten gegeben.

Am Fuße der Ephemeriden ist der mittlere Ort eines jeden Sternes für den Anfang des Jahres und die Werte von sec δ und tg δ angegeben, welche bei der Reduktion der Meridianbeobachtungen nach der hierfür am zweckmäßigsten erscheinenden Besselschen Formel gebraucht werden. Ferner sind hier die Größen a, b, a', b' enthalten, mit deren Hilfe die Nutationsglieder kurzer Periode leicht berechnet werden können. Man erhält $A'a + B'b$ in Zeitsekunden, $A'a' + B'b'$ in Bogensekunden.

Auf den Seiten 241*—250* sind die scheinbaren, rechtwinkligen Koordinaten von vier polnahen Sternen gegeben. Sie beziehen sich auf ein Koordinatensystem, dessen positive x-Achse nach dem Frühlingspunkt und dessen positive y-Achse nach dem Punkt $\alpha = 6^h$, $\delta = 0°$ gerichtet ist. Der Zusammenhang zwischen x, y und α, δ ist gegeben durch die Beziehungen: $x = \cos\delta \cos\alpha$, $y = \cos\delta \sin\alpha$. Die Angaben gelten für 12^h Sternzeit Greenwich und enthalten die kurzperiodischen Mondglieder der Nutation nicht, deren Werte jedoch in der letzten Spalte einer jeden Seite unter der Überschrift »Kurzperiod. Nutationsgl.« gegeben sind.

Als Quellen für die Koordinaten und Eigenbewegungen dieser vier Sterne sind benutzt worden:

für B D + 89° 1: L. Courvoisier: Beobachtungen des Sterns BD 89° 1 am großen Meridiankreis der Berliner Sternwarte. Astron. Nachr. Bd. **200**, 243,

für B D + 89° 3: L. Courvoisier: Ephemeriden der Polsterne BD 89° 3 und BD 89° 37 für 1923. Astron. Nachr. Bd. **217**, 319,

für B D + 89° 37: L. Courvoisier: Neue Position und Eigenbewegung des Polsterns B D + 89° 37. Astron. Nachr. Bd. **230**, 71,

für CPD — 89° 38: Cape Annals Bd. **XI, II**, 244 für den Ort und eine briefliche Mitteilung für die Eigenbewegung.

Damit werden die mittleren Örter für 1944.0:

Name	Gr.	x	Jährliche Veränd. 1944.5	Jährliche Eigenbew.	y	Jährliche Veränd. 1944.5	Jährliche Eigenbew.
BD+89° 1	10.56	− 360.22	−20.085	−0.024	+ 78.52	−0.091	−0.008
BD+89° 3	9.06	− 161.13	−20.239	−0.003	+863.43	−0.044	−0.006
BD+89° 37	10.06	−1141.48	−19.977	−0.011	−346.15	−0.242	+0.015
CPD−89° 38	9.5	+ 54.34	+20.140	+0.027	−307.29	+0.045	+0.031

Reduktionsgrößen (S. 252*—287*).

Auf die scheinbaren Örter der Sterne folgt S. 251* eine Zusammenstellung der Werte, mit welchen die Reduktionsgrößen der darauf folgenden Tafeln berechnet sind, und der Formeln für die Reduktion auf den scheinbaren Ort.

Die Größen zur »Reduktion auf den scheinbaren Ort« sind in ihrer *ersten* Form: A, B, C, D, E; A', B' gegeben für 12^h Sternzeit des Meridians von Greenwich:

1) Auf S. 279* im Intervall von 10 Sterntagen.

Diese Tafel soll zur Berechnung von Sternephemeriden für die Epochen der Meridiandurchgänge dienen. Wegen ihrer logarithmischen Form und des großen Intervalls ist die Tafel zur Interpolation nicht geeignet. Man wird deshalb zweckmäßig die Interpolation erst nach der Summierung der einzelnen unmittelbar für die Epochen der Tafel berechneten Glieder vornehmen.

2) Auf S. 270*—278* für jeden Sterntag. Hier sind die numerischen Werte von A, B, C und D mit ihren Differenzen gegeben und die kurzperiodischen Nutationsglieder A' und B' mit angeführt.

Beiden Tafeln ist in einer Spalte die dem festen Sternzeitmoment jedesmal entsprechende Welt-Zeit vorangestellt; man wird hiernach auf jeden beliebigen Zeitpunkt, gegeben durch Datum, Sternzeit und Längendifferenz gegen Greenwich, übergehen können. Eine weitere Spalte gibt die seit Beginn des annus fictus verflossene Zeit in Bruchteilen des tropischen Jahres.

Die Reduktionsgrößen der *zweiten* Form: f, log g, G, log h, H, log i und i, sowie f', g' und G' sind auf S. 252*—269* von Tag zu Tag für 0^h Welt-Zeit gegeben.

Auch hier findet sich eine Spalte, t überschrieben, welche die seit Beginn des annus fictus verflossene Zeit in Bruchteilen des tropischen Jahres gibt. Ferner ist die Sternzeit Greenwich für 0^h Welt-Zeit gegeben.

Die Seiten mit ungerader Seitenzahl enthalten außer den schon erwähnten f', g', G' noch folgende Größen:

a) ψ = Allgemeine Präzession seit Jahresanfang.
b) $\Delta\psi$ = Langperiodische Glieder der Nutation in Länge.
c) $\Delta\psi'$ = Kurzperiodische Glieder der Nutation in Länge.
d) ε = Mittlere Schiefe der Ekliptik.
e) $\Delta\varepsilon$ = Langperiodische Glieder der Nutation in Schiefe.
f) $\Delta\varepsilon'$ = Kurzperiodische Glieder der Nutation in Schiefe.
g) Die Koeffizienten j und k der Formeln auf S. 282*.

Die wahre Schiefe erhält man durch Addition der Gesamtnutation $(\Delta\varepsilon + \Delta\varepsilon')$ zu der mittleren Schiefe.

Auf S. 280* findet sich eine Tafel der Hilfsgrößen zur Berechnung der Präzession von verschiedenen mittleren Äquinoktien bis 1944.0.

S. 281* enthält eine Tafel der Hilfsgrößen zur Übertragung der Polsternörter von verschiedenen mittleren Äquinoktien auf das mittlere Äquinoktium 1944.0.

Auf S. 282* sind die Formeln zusammengestellt, mit welchen bei Anschlußbeobachtungen die gemessenen Koordinatendifferenzen der scheinbaren Örter in solche der mittleren Örter für den Jahresanfang übergeführt werden. Die in diesen Formeln auftretenden Koeffizienten j und k sind auf den Seiten 253*—269* enthalten und haben die Bedeutung

$$j = 15\, g \text{ arc } 1'$$
$$k = 15\, h \text{ arc } 1',$$

wobei g und h die auf den Seiten 252*—268* gegebenen Reduktionsgrößen sind.

S. 283* enthält eine Zusammenstellung der von der Deklination abhängenden Faktoren der Formeln auf S. 282*.

S. 284* enthält eine Tafel der numerischen Werte der Funktionen Sinus und Cosinus für in Zeit ausgedrückte Winkel. Ihre Benutzung erleichtert die Berechnung der Formeln auf S. 282*.

Die Seite 285* enthält eine Tafel zur Übertragung von Rektaszensions- und Deklinationsdifferenzen vom mittleren Äquinoktium 1944.0 auf das Normaläquinoktium 1950.0. Man findet die auf das Normaläquinoktium 1950.0 bezogene Koordinatendifferenz, indem man an die auf das mittlere Äquinoktium 1944.0 bezogene Rektaszensionsdifferenz die differentielle Präzession Δp^{s}_{α} und an die Deklinationsdifferenz die differentielle Präzession $\Delta p''_{\delta}$ anbringt:

$$\Delta p^{s}_{\alpha} = a_1 \operatorname{tg}\delta \cdot \Delta\alpha^{m} + a_2 \tfrac{1}{15} \sec^2\delta \cdot \Delta\delta',$$
$$\Delta p''_{\delta} = d_1 \cdot \Delta\alpha^{m}.$$

Die Koeffizienten a_1, a_2 und d_1 sind in der Tafel auf S. 285* enthalten und haben die Bedeutung:

$$a_1 = (n) \text{ arc } 1' \cos\alpha$$
$$a_2 = (n) \text{ arc } 1' \sin\alpha$$
$$d_1 = -15\ (n) \text{ arc } 1' \sin\alpha.$$

$\Delta\alpha^{m}$ und $\Delta\delta'$ sind die auf das mittlere Äquinoktium 1944.0 bezogenen Rektaszensions- und Deklinationsdifferenzen in Zeit- bez. Bogenminuten. Nach den angegebenen Formeln findet man die differentielle Präzession für Rektaszension in Zeitsekunden, diejenige für Deklination in Bogensekunden.

Die auf Seite 286* gegebenen Größen f, log g und G dienen zur Übertragung der Örter von dem *mittleren* Normaläquinoktium 1950.0 auf das jedesmalige *wahre* Äquinoktium. Die Berücksichtigung des Einflusses der Variatio saecularis bei dieser Übertragung ist durch die

Tafeln auf S. 287* gegeben. Diese enthalten in der ersten Reihe einer jeden Vertikalspalte die Werte von 0.180 × Var. saec. für die mit den Argumenten α und δ gegebenen Örter. Die an zweiter Stelle stehenden Zahlen einer jeden Vertikalspalte sind die einjährigen Änderungen von 0.180 × Var. saec. und sind, wenn erforderlich, bei der Entnahme des Einflusses der Variatio saecularis für den in Frage kommenden Bruchteil des Jahres zu berücksichtigen.

Eine Tafel zur Übertragung von Sternörtern vom mittleren Äquinoktium 1944.0 auf das Normaläquinoktium 1950.0 befindet sich auf den Seiten 288*—290*.

Die hier tabulierten Größen sind gerechnet nach den Formeln:

$$A = (n^s) \sin a$$
$$D = (n'') \cos a$$
$$B = (m^s) - 0.00001818\,(n^s)^2 \sin 2a$$
$$\Delta C = \operatorname{arc} tg\, C - C; \quad C = A\, tg\,(\delta_{1944.0} + D)$$
$$P = -15\, tg\, \tfrac{1}{2}\psi; \quad tg\,\psi = \sin\,(n) \sin a\, tg\,(\delta_{1944.0} + D)$$
$$a = \alpha_{1944.0} + 90^\circ - (N)$$

Wegen der Größen (m), (n), (N) vgl. S. [5] der „Grundbegriffe der Sphärischen Astronomie“ im Jahrbuch für 1916. Falls die auf S. 290* gegebene Tafel für ΔC und P nicht ausreicht, berechne man die Größen nach den vorstehend gegebenen Formeln oder benutze die weiterreichende Tafel in Veröff. d. Astronom. Rechen-Instituts Nr. 49.

Sonnenfinsternisse (S. 292*—296*).

Bei der Berechnung der Finsternisse des Jahres 1944 sind die Örter von Sonne und Mond um folgende Beträge verbessert worden:

1944	Jan. 25	Sonne:	$\Delta\alpha + 0\overset{s}{.}07$	$\Delta\delta + 0\overset{''}{.}2$	Mond:	$\Delta\alpha - 0\overset{s}{.}03$	$\Delta\delta - 0\overset{''}{.}6$
	Juli 20	,,	+0.07	−0.2	,,	−0.04	−0.4

Die bei den Sonnenfinsternissen gegebenen Besselschen Elemente dienen in der folgenden Weise zur Vorausberechnung der Phasenzeiten und der Positionswinkel der Kontakte:

Mit einer Ausgangszeit T (siehe weiter unten) entnimmt man der Elemententabelle die Werte:

x, y, log sin d, log cos d, μ, l ($l^{(a)}$ für äußere, $l^{(i)}$ für innere Berührung), log tang f ($f^{(a)}$ für äußere, $f^{(i)}$ für innere Berührung), x' und y'.

Mit ihnen rechnet man das folgende Formelsystem durch:

$$(1)\left\{\begin{aligned} \xi &= c \cos\varphi \sin(\mu-\lambda) \\ \eta &= s \sin\varphi \cos d - c \cos\varphi \sin d \cos(\mu-\lambda) \\ \zeta &= s \sin\varphi \sin d + c \cos\varphi \cos d \cos(\mu-\lambda) \\ \xi' &= [7.6398-10]\, c \cos\varphi \cos(\mu-\lambda) \\ \eta' &= [7.6398-10]\, \xi \sin d, \end{aligned}\right.$$

worin φ die geographische Breite, λ die westliche Länge (von Greenwich) des Beobachtungsortes bezeichnen, s und c aus der Tafel auf S. 377* zu entnehmen sind.

Alsdann:

$$(2)\quad \left\{\begin{array}{l} m \sin M = x - \xi \\ m \cos M = y - \eta \end{array}\right\} m > 0 \qquad \left\{\begin{array}{l} n \sin N = x' - \xi' \\ n \cos N = y' - \eta' \end{array}\right\} n > 0$$

Nun berechnet man aus:

$$(3)\quad L = l - \zeta \ \mathrm{tang}\ f$$

$L^{(a)}$ mit $l^{(a)}$ und $f^{(a)}$, $L^{(i)}$ mit $l^{(i)}$ und $f^{(i)}$; dann aus:

$$(4)\quad \sin \psi = \frac{m \sin (M - N)}{L}\ ^{1)}$$

mit $L^{(a)}$ und $L^{(i)}$ je zwei Werte $\psi^{(a_1)}$, $\psi^{(a_2)}$ und $\psi^{(i_1)}$, $\psi^{(i_2)}$, von denen der eine zum Eintritt der Erde in den Halb- oder Kernschatten-Kegel, der andere zu ihrem Austritt aus ihm gehört. Diesen vier Werten $\psi^{(a_1)}$, $\psi^{(a_2)}$ und $\psi^{(i_1)}$, $\psi^{(i_2)}$ entsprechen vier Werte $\tau^{(a_1)}$, $\tau^{(a_2)}$ und $\tau^{(i_1)}$, $\tau^{(i_2)}$ (in Zeitminuten) nach

$$(5)\quad \tau = -\frac{m \cos (M - N)}{n} + \frac{L \cos \psi}{n},$$

um welche die Ausgangszeit T zu verbessern ist, um die Zeit der gesuchten Phase zu erhalten. Ist T die gesuchte Phasenzeit, so wird $\tau = 0$ werden. Man muß daher das Formelsystem (1) bis (5) mit steigenden Näherungen so lange durchrechnen, bis dieser Fall eintritt, d. h. bis das Formelsystem sich schließt. Zu diesem Zweck beginnt man mit einem Näherungswert T_1, für den man, wenn kein besserer bekannt sein sollte, eine beliebige Zeit nahe der Mitte der Finsternis nehmen mag, und rechnet die erste genäherte Korrektion τ_1; dann wiederholt man die Rechnung mit $T_2 = T_1 + \tau_1$, dann mit $T_3 = T_2 + \tau_2 = T_1 + \tau_1 + \tau_2$ usf. bis sich $\tau_n = 0$ ergibt. T_n ist dann die gesuchte Welt-Zeit des Kontaktes, die durch Hinzufügung der Längendifferenz in mittlere Ortszeit zu verwandeln ist. Die Rechnung ist für jede Berührung gesondert durchzuführen.

Die Positionswinkel der einzelnen Phasen, in üblicher Weise vom Punkt größter Deklination nach Osten gezählt, folgen aus den Werten der letzten Näherung (Größen mit dem Index n) nach

$$P = N + \psi.$$

Will man den Winkelabstand Q vom Punkte der größten Höhe haben, so hat man von P noch den parallaktischen Winkel γ abzuziehen, der aus

$$\left.\begin{array}{l} p \sin \gamma = \xi \\ p \cos \gamma = \eta \end{array}\right\} p > 0$$

folgt, also

$$Q = P - \gamma.$$

Um die Zeit der größten Phase, T_{max}, zu erhalten, hat man die beiden Formelsysteme (1) und (2) mit einem Näherungswerte T_1 durchzurechnen, daraus $T_2 = T_1 - \frac{m \cos (M - N)}{n}$ zu entnehmen und die Rechnung so lange fortzusetzen, bis die Korrektion der Ausgangszeit 0

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1) Wird der Winkel ψ bei der ersten Näherungsrechnung imaginär, so rechne man τ unter der Annahme $\psi = 90°$ aus $\tau = -\frac{m \cos (M - N)}{n}$; bleibt ψ auch in der weiteren Rechnung imaginär, so deutet dies an, daß an dem betreffenden Orte keine Sonnenfinsternis stattfindet.

wird. Als Näherungswert T_1 wählt man zweckmäßig das Mittel der beiden Werte von T_2 für die Berührungszeiten.

Die Größe der Verfinsterung i, in Teilen des Sonnendurchmessers ausgedrückt, ergibt sich dann aus:

$$i = \frac{L^{(a)} - m}{2\,L^{(a)} - 0.5459}$$

worin $L^{(a)}$ und m die zur Zeit $T_{\max}$ gehörigen Werte bedeuten.

Sternbedeckungen (S. 297*—302*).

Auf den Seiten 297*—299* sind Angaben über die Sternbedeckungen enthalten, die in Mitteleuropa sichtbar sind.

Die Seite 297* enthält die mittleren Örter der Sterne, die vom Monde bedeckt werden. Auf den Seiten 298*—299* sind die Besselschen Elemente der Sternbedeckungen gegeben, wobei die Auswahl auf Sterne beschränkt wurde, die heller als $6^{m}0$ sind. Die Formeln zur Berechnung der Berührungszeiten eines Sternes mit dem Mondrande mit Hilfe dieser Elemente sind auf S. 356* des Jahrgangs 1937 gegeben.

Für Berlin-Babelsberg, Königsberg, Straßburg und Wien ist auf S. 300*—302* außer der genäherten Welt-Zeit des Ein- oder Austrittes auch der Positionswinkel P des Sternes für die Zeiten der Berührung mit dem Mondrande angeführt.

Die Größen a und b ermöglichen die Vorausberechnung der genäherten Ein- oder Austrittszeiten für andere Orte innerhalb Deutschlands, die nicht allzuweit von diesen vier Hauptpunkten entfernt sind. Bezeichnen λ und φ die geographischen Koordinaten des Beobachtungsortes, λ_0 und φ_0 diejenigen des ihm am nächsten gelegenen Hauptpunktes, so ist die gesuchte Berührungszeit gleich der für den Hauptpunkt geltenden $+ a\,(\lambda - \lambda_0) + b\,(\varphi - \varphi_0)$. Hierbei sind die Differenzen $\lambda - \lambda_0$ und $\varphi - \varphi_0$ in Einheiten des Grades unter Mitnahme der Zehntelgrade auszudrücken, damit sich die Korrektion in Zeitminuten ergibt.

Mondbewegung und Lage des Mondäquators gegen den Erdäquator (S. 303*).

Auf S. 303* finden sich:

- ☊, Aufsteigender Knoten der Mondbahn auf der Ekliptik,
- $L_☾$, Mittlere Länge des Mondes,
- $\tilde{\omega}$, Mittlere Länge des Perigäums
- $M_☾$, Mittlere Anomalie des Mondes,
- i, Neigung des Mondäquators gegen den Erdäquator,
- Δ, Stück des Mondäquators zwischen Ekliptik und Erdäquator,
- ☊′, Aufsteigender Knoten des Mondäquators auf dem Erdäquator,

☋, der aufsteigende Knoten des Mondäquators auf der Ekliptik ist gleich dem absteigenden Knoten der Mondbahn, also

$$☋ = ☊ \pm 180°.$$

Vom Jahrgang 1926 ab sind die Brownschen Mondtafeln verwendet.

Die Größen i, Δ und Ω' berechnen sich aus:

$$\sin\frac{1}{2}(\Delta+\Omega')\cos\frac{1}{2}i=\cos\frac{1}{2}(\varepsilon-J)\sin\frac{1}{2}\mho$$
$$\cos\frac{1}{2}(\Delta+\Omega')\cos\frac{1}{2}i=\cos\frac{1}{2}(\varepsilon+J)\cos\frac{1}{2}\mho$$
$$\sin\frac{1}{2}(\Delta-\Omega')\sin\frac{1}{2}i=\sin\frac{1}{2}(\varepsilon-J)\sin\frac{1}{2}\mho$$
$$\cos\frac{1}{2}(\Delta-\Omega')\sin\frac{1}{2}i=\sin\frac{1}{2}(\varepsilon+J)\cos\frac{1}{2}\mho;$$

dabei ist J, die Neigung des Mondäquators gegen die Ekliptik, nach F. Hayn (Astr. Nachr. Bd. **199**, S. 263) zu $J = 1^\circ\,32'\,20''$ angenommen worden. Die Zahlen geben die Lage des mittleren Mondäquators (ohne physische Libration).

Die auf S. 303* gemachten Angaben über die Elemente der Mondbahn und des Mondäquators werden, teilweise in Verbindung mit den Größen $L_\odot$ und $M_\odot$ auf S. 29, zu verschiedenen Zwecken verwendet:

1) Als Argumente für die Berechnung der Reduktionsgrößen A, B, C, D, E, A', B'.

2) Bei Bestimmung der selenographischen Koordinaten von Punkten der Mondoberfläche (siehe darüber den folgenden Abschnitt).

3) Bei Berechnung der *optischen* und *physischen* Libration des Mondes.

a) Für die Berechnung der *optischen* Libration des Mondes sind alle nötigen Angaben in den Erläuterungen zu den Hilfstafeln unter Nr. 9 (S. 413*) gemacht.

b) Die Beträge der *physischen* Mondlibration in selenographischer Länge, der Neigung des Mondäquators und seinem aufsteigenden Knoten auf der Ekliptik τ, ρ, σ haben die Werte:

$$\tau = -\ 13''\sin M_☾ + 65''\sin M_\odot + 26''\sin 2(L_☾ - M_☾ - \Omega)$$
$$\rho = -106''\cos M_☾ + 34''\cos(2L_☾ - M_☾ - 2\Omega) - 11''\cos 2(L_☾ - \Omega)$$
$$\sigma\sin J = -108''\sin M_☾ + 34''\sin(2L_☾ - M_☾ - 2\Omega) - 11''\sin 2(L_☾ - \Omega)$$

Diese Zahlenangaben beruhen auf der Annahme $f = 0.73$, worüber F. Hayn (Astr. Nachr. Bd. **199**, S. 264) einzusehen ist.

Ephemeride für den Mondkrater Mösting A.

(S. 304*—308*).

Die Ephemeride des Mondkraters Mösting A. dient zwei verschiedenen Zwecken: erstens zur genauen Bestimmung von Mondörtern am Himmel durch Beobachtung des Kraters, zweitens zur Bestimmung der selenographischen Koordinaten weiterer Punkte der Mondoberfläche durch deren mikrometrischen Anschluß an Mösting A.

Sie gilt für 0^h Welt-Zeit und enthält für die Tage, an welchen Mösting A. innerhalb der Beleuchtungsgrenze liegt, die Unterschiede $\alpha_☾ - \alpha_k$ in Rektaszension und $\delta_☾ - \delta_k$ in Deklination zwischen der Mondmitte und dem Krater, vom Erdmittelpunkt aus gesehen, sowie den Logarithmus des Sinus der Äquatorial-Horizontalparallaxe p_k des

Kraters, welche von der des Mondes $p_☾$ zu unterscheiden ist, mit den zugehörigen Differenzen.

Zur Anwendung der Ephemeride auf Beobachtungen des Kraters interpoliere man $\alpha_☾ - \alpha_k$, $\delta_☾ - \delta_k$ und $\log \sin p_k$ mit der Beobachtungszeit. Fügt man alsdann $\alpha_☾ - \alpha_k$ und $\delta_☾ - \delta_k$ zum geozentrischen Ort des Kraters hinzu (die Parallaxe wird mit p_k und δ_k, der Deklination des Kraters, berechnet), so hat man die geozentrische Rektaszension und Deklination des Mondes für die Beobachtungszeit.

Hat man einen Punkt der Mondoberfläche mikrometrisch an Mösting A. angeschlossen, so bestimme man zunächst die topozentrischen, d. h. mit Parallaxe behafteten Koordinatendifferenzen $\alpha'_☾ - \alpha'_k$ und $\delta'_☾ - \delta'_k$ zwischen Mondmittelpunkt und Mösting A. aus folgenden Identitäten:

$$\alpha'_☾ - \alpha'_k = \alpha_☾ - \alpha_k + (\alpha'_☾ - \alpha_☾) - (\alpha'_k - \alpha_k)$$
$$\delta'_☾ - \delta'_k = \delta_☾ - \delta_k + (\delta'_☾ - \delta_☾) - (\delta'_k - \delta_k).$$

Verbindet man die so erhaltenen topozentrischen Abstände zwischen der Mondmitte und Mösting A. mit den mikrometrischen Messungen zwischen Mösting A. und einem zweiten Krater, so erhält man die topozentrische Lage des letzteren gegen die Mondmitte und kann hieraus mit Hilfe von $\alpha'_☾$ und $\delta'_☾$ und den Angaben auf S. 303* die selenographische Länge und Breite des zweiten Kraters berechnen. Hierzu dienen die im folgenden angeführten Formeln.

Bezeichnet man mit α' und δ' die topozentrische AR. und Dekl. des an Mösting A. angeschlossenen Kraters, so hat man:

$$s \sin \pi_m = (\alpha' - \alpha'_☾) \cos \frac{1}{2} (\delta' + \delta'_☾)$$
$$s \cos \pi_m = \delta' - \delta'_☾$$
$$\pi = \pi_m - \frac{1}{2} (\alpha' - \alpha'_☾) \sin \frac{1}{2} (\delta' + \delta'_☾)$$
$$\sin (K + s) = \sin s \operatorname{cosec} h'.$$

h' ist der Abstand des Kraters vom Mondschwerpunkt, gesehen vom Beobachtungsort aus, der aus h, dem vom Erdmittelpunkt aus gesehenen Abstand, durch Anbringen der Parallaxe gewonnen wird. Ist die Entfernung des Kraters vom Mondschwerpunkt gänzlich unbekannt, so möge für h der aus Sternbedeckungen folgende Wert des Mondhalbmessers $15' \, 32''.59$ (nach J. Peters, Astr. Nachr. Bd. **138**, S. 147) eingesetzt werden.

$$\sin d = - \sin \delta'_☾ \cos K + \cos \delta'_☾ \sin K \cos \pi$$
$$\cos d \cos (a - \alpha'_☾) = - \cos \delta'_☾ \cos K - \sin \delta'_☾ \sin K \cos \pi$$
$$\cos d \sin (a - \alpha'_☾) = \sin K \sin \pi$$
$$\sin \beta = \sin d \cos i - \cos d \sin i \sin (a - ☊')$$
$$\cos \beta \sin \lambda' = \sin d \sin i + \cos d \cos i \sin (a - ☊')$$
$$\cos \beta \cos \lambda' = \cos d \cos (a - ☊')$$
$$\lambda = \lambda' - 180° - L_☾ - (\Delta - ☋).$$

Die so erhaltenen Werte von λ und β beziehen sich auf den mittleren (vom Einfluß der physischen Libration freien) Mondäquator; die Transformation auf den wahren erfolgt durch die Korrektionen:

$$d\lambda = +13'' \sin M_{☾} - 65'' \sin M_{\odot} - 26'' \sin 2\,(L_{☾} - M_{☾} - \Omega)$$
$$+ \operatorname{tg}\beta\,[-106'' \cos (L_{☾} - M_{☾} - \Omega + \lambda)$$
$$+ 34'' \cos (L_{☾} - M_{☾} - \Omega - \lambda) - 11'' \cos (L_{☾} - \Omega - \lambda)]$$
$$d\beta = +108'' \sin (L_{☾} - M_{☾} - \Omega + \lambda) + 34'' \sin (L_{☾} - M_{☾} - \Omega - \lambda)$$
$$- 11'' \sin (L_{☾} - \Omega - \lambda)$$

Bringt man diese Korrektionen $d\lambda$ und $d\beta$ an λ und β an, so erhält man die selenographischen Koordinaten des Kraters:

$$\lambda_0 = \lambda + d\lambda, \qquad \beta_0 = \beta + d\beta$$

Der Berechnung der Ephemeride des Kraters Mösting A. liegen folgende von F. Hayn ermittelte Konstanten (Astr. Nachr. Bd. **199**, S. 263) zugrunde:

$$\lambda_0 = -5° \; 10' \; 7'', \quad \beta_0 = -3° \; 11' \; 2''$$
$$h = 15' \; 33''.4$$

Für die Reduktion auf den mittleren Mondäquator wurden die Werte angenommen:

$$d\lambda = -13'' \sin M_{☾} + 65'' \sin M_{\odot} + 26'' \sin 2\,(L_{☾} - M_{☾} - \Omega)$$
$$d\beta = -107'' \sin (L_{☾} - M_{☾} - \Omega + \lambda_0) - 34'' \sin (L_{☾} - M_{☾} - \Omega - \lambda_0)$$
$$+ 11'' \sin (L_{☾} - \Omega - \lambda_0),$$

so daß die auf den mittleren Mondäquator bezogenen selenographischen Koordinaten des Kraters Mösting A. sind:

$$\lambda = \lambda_0 + d\lambda, \qquad \beta = \beta_0 + d\beta.$$

Die Formeln zur Berechnung der Ephemeride siehe in den Erläuterungen zum Jahrbuch 1916.

Jupitertrabanten (S. 309*—310*).

Die Seiten 309* und 310* enthalten die Zeitangaben (in Welt-Zeit) für die Verfinsterungen der vier hellen Jupitertrabanten in dem Schattenkegel des Jupiter; Ein- und Austritte sind durch beigefügtes E. und A. unterschieden.

Saturnsring (S. 311*–312*, 315*).

Die Angaben für die scheinbare Größe des Saturn und für die Lage und Größe des Saturnsringes haben die folgende Bedeutung:

- α Große Achse des Saturn.
- β Kleine Achse des Saturn.
- p_a Phase; positiv, wenn der Ostrand, negativ, wenn der Westrand verdunkelt ist.
- a Große Achse der Ringellipse.
- b Kleine Achse der Ringellipse; positiv, wenn die nördliche, negativ, wenn die südliche Fläche des Ringes sichtbar ist.

U' Heliozentrische Länge des Saturn, gezählt auf der Ringebene vom aufsteigenden Knoten des Ringes in der Ekliptik an.

B' Erhöhungswinkel der Sonne über der Ringebene vom Saturn aus gesehen; nördlich positiv, südlich negativ.

P' Winkel der kleinen Achse der Ringellipse mit dem durch den Saturnsmittelpunkt gehenden Längenkreise; östlich positiv, westlich negativ.

U Geozentrische Länge des Saturn, gezählt auf der Ringebene vom aufsteigenden Knoten des Ringes im Erdäquator an.

B Erhöhungswinkel der Erde über der Ringebene vom Saturn aus gesehen; nördlich positiv, südlich negativ.

P Winkel der kleinen Achse der Ringellipse mit dem durch den Saturnsmittelpunkt gehenden Stundenkreise; östlich positiv, westlich negativ.

N Aufsteigender Knoten der Ringebene im Erdäquator, gezählt vom Äquinoktium an.

J Neigung der Ringebene gegen den Erdäquator.

ω Entfernung der Ekliptik vom Erdäquator, gemessen auf der Ringebene.

Es liegen folgende Bestimmungen nach H. Struve zugrunde:

Durchmesser des Saturn in der Entfernung 9.53887
Äquatorial 17″47 Polar 15″65

Durchmesser des Ringes in der Entfernung 9.53887

$$2\,R = 39''35$$

Lage des Saturnsringes gegen die Ekliptik und das Äquinoktium von 1889.25 nach G. Struve

$$\Omega_1 = 167°\ 58'08 \quad \text{und} \quad i_1 = 28°\ 4'55$$

Saturnstrabanten (S. 312*—323*).

Die Berechnungen der Saturnstrabanten Mimas bis Rhea sind mit den von G. Struve in den Veröffentlichungen der Universitätssternwarte Berlin-Babelsberg, Bd. VI, Heft 4 abgeleiteten Elementen durchgeführt worden. Für Titan und Japetus sind die von ihm in Bd. VI, Heft 5 angegebenen Elemente benutzt worden, und für Hyperion haben die von J. Woltjer in den Annalen der Sternwarte Leiden, Bd. 16, Teil 3 bestimmten Elemente als Grundlage gedient.

Die den Ephemeriden zugrunde liegenden Elemente sind:

MIMAS (Berlin-Bbg. VI, Heft 4)
Epoche: 1889 April 0.0 Mittl. Zt. Grw.

$$E_0 = 127^\circ\ 5'.5$$
$$n = 381^\circ.994442$$
$$\delta l = -44^\circ.390 \sin[5^\circ.0864(\tau - 1866.27)] - 0^\circ.764 \sin 3[5^\circ.0864(\tau - 1866.27)]$$
$$l_1 = E_0 + nt_d + \delta l$$
$$\Theta = 56^\circ.1 - 365^\circ.23\, t$$
$$\gamma = 1^\circ\ 31'.0$$
$$\Pi_1 = 105^\circ.0 + 365^\circ.60\, t$$
$$e = 0.0201$$
$$a = 26''.826$$

ENCELADUS (Berlin-Bbg. VI, Heft 4)
Epoche: 1889 April 0.0 Mittl. Zt. Grw.

$$E_0 = 199^\circ\ 25'.8$$
$$n = 262^\circ.7319405$$
$$\delta l = +14'.39 \sin(63^\circ.75 + 32^\circ.51\, t) + 14'.06 \sin(117^\circ.28 + 93^\circ.14\, t)$$
$$l_1 = E_0 + nt_d + \delta l$$
$$\Theta = 51^\circ.81 - 152^\circ.7\, t$$
$$\gamma = 1'.4$$
$$\Pi_1 = 308^\circ.38 + 123^\circ.43\, t$$
$$e = 0.00444$$
$$a = 34''.416$$

TETHYS (Berlin-Bbg. VI, Heft 4)
Epoche: 1889 April 0.0 Mittl. Zt. Grw.

$$E_0 = 284^\circ\ 28'.3$$
$$n = 190^\circ.697950$$
$$\delta l = +2^\circ.065 \sin[5^\circ.0864(\tau - 1866.27)] + 0^\circ.036 \sin 3[5^\circ.0864(\tau - 1866.27)]$$
$$l_1 = E_0 + nt_d + \delta l$$
$$\Theta = 110^\circ.39 - 72^\circ.25\, t$$
$$\gamma = 1^\circ\ 5'.56$$
$$e = 0.0000$$
$$a = 42''.605$$

DIONE (Berlin-Bbg. VI, Heft 4)
Epoche: 1889 April 0.0 Mittl. Zt. Grw.

$$E_0 = 253^\circ\ 52'.0$$
$$n = 131^\circ.5349729$$
$$\delta l = -0'.93 \sin(63^\circ.75 + 32^\circ.51\, t) - 0'.91 \sin(117^\circ.28 + 93^\circ.14\, t)$$
$$l_1 = E_0 + nt_d + \delta l$$

$$\Theta = 201^{\circ}.0 - 31^{\circ}.0\,t$$
$$\gamma = 1'.4$$
$$\Pi_1 = 173{\cdot}4 + 30{\cdot}75\,t$$
$$e = 0.00221$$
$$a = 54''.567$$

RHEA (Berlin-Bbg. VI, Heft 4)
Epoche: 1889 April 0.0 Mittl. Zt. Grw.

$$E_0 = 358^{\circ}\ 23'.7$$
$$n = 79^{\circ}.6900881$$
$$l = E_0 + n t_d$$
$$(\Omega - \Omega_1)\sin i_1 = 20'.49 \sin\,(344^{\circ}.09 - 10^{\circ}.20\,t) - 0'.38 + 1'.00 \sin\,(48^{\circ}.5 - 0^{\circ}.50\,t)$$
$$i - i_1 = 20'.49 \cos\,(344^{\circ}.09 - 10^{\circ}.20\,t) - 2'.79 + 1'.00 \cos\,(48^{\circ}.5 - 0^{\circ}.50\,t)$$
$$\Pi = 275^{\circ}.85 + 0^{\circ}.53\,t + 17^{\circ}.64 \sin\,[9^{\circ}.5\,(\tau - 1879.59)]$$
$$e = 0.00098 + 0.00030 \cos\,[9^{\circ}.5\,(\tau - 1879.59)]$$
$$a = 76''.203$$

Ω_1 und i_1 bezeichnen die Lage des Saturnsringes.

TITAN (Berlin-Bbg. VI, Heft 5)
Epoche: 1890 Jan. 0.0 Mittl. Zt. Grw.

$$E_0 = 260^{\circ}\ 24'.26$$
$$n = 22^{\circ}.577015$$
$$l = E_0 + n t_d + (E - E_0)$$
$$E - E_0 = + 4'.39 \sin\,(40^{\circ}.69 - 0^{\circ}.506\,t)$$
$$\Omega = 167^{\circ}\ 51'.90 + 39'.00 \sin\,(40^{\circ}.69 - 0^{\circ}.506\,t)$$
$$i = 27^{\circ}\ 26'.33 + 18'.35 \cos\,(40^{\circ}.69 - 0^{\circ}.506\,t)$$
$$\Pi = 276^{\circ}\ 7'.7 + 31'.41\,t + 22'.0\,(\sin 2g - \sin 2g_0)$$
$$e = 0.02910 + 0.000186\,(\cos 2g_0 - \cos 2g)$$
$$g = \Pi - \Omega - 4{\cdot}5$$
$$g_0 = g \text{ für } t = 0$$
$$a = 176''.578$$

HYPERION (J. Woltjer, Ann. Sternwarte Leiden Bd. XVI, 3, S. 64)
Anfangsepoche für t_d: 1900 Januar 0.0 Mittl. Zt. Grw.
„ „ t : 1900.0
Argumente: $\sigma = 93^{\circ}.13 + 0^{\circ}.562039\,t_d$ $\quad\tilde{\omega} = 148^{\circ}.72 - 19^{\circ}.184\,t$

$$n = 16^{\circ}.9199896$$
$$l = 176^{\circ}.293 + 16^{\circ}.9199896\,t_d + 9^{\circ}.092 \sin\sigma + 0^{\circ}.211 \sin\,(\tilde{\omega} + \sigma) + 0^{\circ}.192 \sin\,(\tilde{\omega} - \sigma) - 0^{\circ}.077 \sin\tilde{\omega}$$
$$\Pi = 70^{\circ}.05 - 18^{\circ}.6562\,t - 13^{\circ}.67 \sin\tilde{\omega} + 0^{\circ}.93 \sin 2\tilde{\omega} - 0^{\circ}.47 \sin\sigma$$
$$e = 0.10419 + 0.02414 \cos\tilde{\omega} - 0.00401 \cos\sigma - 0.00183 \cos 2\tilde{\omega} + 0.00009 \cos\,(\tilde{\omega} - \sigma) - 0.00009 \cos\,(\tilde{\omega} + \sigma)$$
$$a = 214''.32 - 0''.74 \cos\sigma$$

$$\gamma \sin h = -0{,}^\circ061 + 0{,}^\circ574 \sin[-2{,}^\circ392\, t + 95{,}^\circ9\ ] + 0{,}^\circ315 \sin[-0{,}^\circ500\, t + 42{,}^\circ78]$$

$$\gamma \cos h = -0{,}^\circ747 + 0{,}^\circ574 \cos[-2{,}^\circ392\, t + 95{,}^\circ9\ ] + 0{,}^\circ315 \cos[-0{,}^\circ500\, t + 42{,}^\circ78]$$

γ = Neigung der Bahnebene gegen den Saturnsäquator,
h = Länge des aufsteigenden Knotens auf dem Saturnsäquator, gezählt vom aufsteigenden Knoten des Saturnsäquators auf der Ekliptik.

JAPETUS (Berlin-Bbg. VI, Heft 5)
Epoche: 1885 Sept. 1.0 Mittl. Zt. Grw.

$E_0 = 75^\circ\ 25{,}'61$	$i = 18^\circ\ 26{,}'39 - 0{,}'54\, t$
$n = 4{,}^\circ537995$	$\Pi = 354^\circ\ 27{,}'4 + 8{,}'1\, t$
$l = E_0 + n t_d$	$e = 0.02828$
$\Omega = 142^\circ\ 11{,}'3 - 1{,}'375\, t$	$a = 514{,}''59$

Hierin bedeuten:

l_1, l = Mittlere Länge in der Bahn
n = Tropische mittlere tägliche Bewegung
δl = Libration
τ = Epoche
t_d = Anzahl der Tage seit der Anfangsepoche
t = Anzahl der Jahre seit der Anfangsepoche
Θ = Knoten auf dem Saturnsäquator
Ω = Knoten auf der Ekliptik
γ = Neigung der Trabantenbahn gegen den Saturnsäquator
i = Neigung der Trabantenbahn gegen die Ekliptik
Π_1, Π = Perisaturnium
e = Exzentrizität
a = Halbachse der Trabantenbahn in der mittleren Entfernung $(\Delta) = 9.53887$.

l_1, Π_1 und Θ werden gezählt vom Äquinoktium aus in der Ekliptik weiter im Saturnsäquator und dann erst in der Trabantenbahn, l und Π vom Äquinoktium aus in der Ekliptik und weiter in der Trabantenbahn.

Auf den Seiten 313*—315* sind die Hilfsmittel gegeben, um in bequemer Weise die Positionen der Trabanten ableiten zu können. Sieht man hierbei von den Neigungen γ ab, so erhält man die rechtwinkligen Koordinaten x und y des Trabanten in bezug auf ein Achsenkreuz, dessen Anfangspunkt im Mittelpunkt des Saturn gelegen ist, dessen X-Achse parallel der großen Achse des Ringes verläuft, positiv, wenn östlich, negativ, wenn westlich vom Saturn, und dessen positive Y-Achse mit dem durch den Saturnsmittelpunkt gehenden Stundenkreise den Winkel P einschließt, aus den Gleichungen:

$$x = \frac{a(\Delta)}{\Delta}\,\frac{1}{1+\zeta}\,\frac{r}{a}\,\sin(u-U)$$

$$y = \frac{a(\Delta)}{\Delta}\,\frac{1}{1+\zeta}\,\frac{r}{a}\,\sin B\cos(u-U).$$

$(\Delta) = 9.53887$ bezeichnet den mittleren Wert der Entfernung Sonne—Saturn, Δ ist die Entfernung Erde—Saturn, $u = L + (v - M)$ ist die wahre Länge des Trabanten vom Erdäquator an gezählt.

Die Größen v—M und $\log \frac{r}{a}$ sind auf S. 312*—313* des Jahrbuchs 1933 gegeben, $\log \frac{1}{1+\zeta}$ ist auf Seite 315* enthalten.

Ist genaueste Ortsbestimmung erforderlich, so darf man bei Mimas, Tethys und Rhea die Neigungen gegen den Saturnsäquator, da sie schon merklichere Werte annehmen, nicht mehr vernachlässigen; x und y ergeben sich dann aus:

$$x = \frac{a(\Delta)}{\Delta} \frac{1}{1+\zeta} \frac{r}{a} \sin(u-U)$$

$$y = \frac{a(\Delta)}{\Delta} \frac{1}{1+\zeta} \frac{r}{a} \sin B\,[\cos(u-U) + \sin\gamma \operatorname{cotg} B \sin(u-\vartheta)].$$

Die Werte von ϑ, der Länge des aufsteigenden Knotens der Trabantenbahn auf dem Saturnsäquator, gezählt vom Schnittpunkte des Saturnsäquators mit dem Erdäquator, finden sich für die fünf inneren Trabanten auf Seite 315*; auch ist hier für Rhea γ, weil stärker mit der Zeit veränderlich, in Intervallen von 16 Tagen gegeben.

Will man aus x und y die Rektaszensions- und Deklinationsdifferenzen bestimmen, so dienen dazu die Gleichungen:

$$s \sin(p - P) = x$$
$$s \cos(p - P) = y$$

$$\Delta\alpha = \alpha_{tr} - \alpha_{pl} = \frac{1}{15} s \sin p \sec \delta_{tr}$$
$$\Delta\delta = \delta_{tr} - \delta_{pl} = s \cos p.$$

Auf den Seiten 316*—318* finden sich, außer den Hilfsgrößen U, B und P für die Trabanten Titan, Hyperion und Japetus die genäherten Rektaszensions- und Deklinationsunterschiede gegen den Saturn in dem Sinne Trabant minus Planet für die beiden letzteren Trabanten.

Die aus den Angaben des Berliner Jahrbuchs ermittelten Trabantenörter sind auf das mittlere Äquinoktium der Epoche bezogen.

Zum Schluß enthalten die Seiten 319*—323* die Zeitangaben (in Welt-Zeit) für die östlichen Elongationen von Mimas, Enceladus, Tethys, Dione, Rhea, ferner für die östlichen und westlichen Elongationen ($u - U = \pm 90°$) und für die oberen und unteren Konjunktionen ($u - U = 0°, 180°$) von Titan, Hyperion und Japetus mit Saturn; diese Zeitangaben für die Elongationen und Konjunktionen sind bereits für Lichtzeit korrigiert, also ohne weiteres mit den Beobachtungen vergleichbar.

Konstellationen (S. 324*—325*).

In der Übersicht der Konstellationen des Jahres 1944 sind die hauptsächlichsten Planeten-Konstellationen gegeneinander und gegen Sonne und Mond, sowie die Angaben der Epochen, zu welchen sich

die Planeten in gewissen Hauptpunkten ihrer Bahn und ihres synodischen Laufes befinden, zusammengestellt. Die Bedeutung der hier verwendeten Zeichen siehe Seite VIII des Vorworts. — Die Konjunktionen der Planeten mit dem Mond und ihre gegenseitigen sind als Konjunktionen in AR. zu verstehen, ebenso entsprechen die Angaben über Konjunktion und Opposition der Planeten mit der Sonne den Zeiten, zu denen der Rektaszensionsunterschied zwischen Planet und Sonne 0° oder 180° ist.

Auf- und Untergangszeiten der Sonne und des Mondes (S. 326*—361*).

Die für Orte auf dem Meridian von Greenwich und ausgewählte geographische Breiten zwischen —10° und +70° gegebenen mittleren Ortszeiten der Auf- und Untergänge von Sonne und Mond beziehen sich auf das Erscheinen bzw. Verschwinden des oberen Randes der Sonne oder des Mondes und sind mit der Horizontalrefraktion 34!0 berechnet. Für den Mond sind in der letzten Spalte einer jeden Seite die Änderungen der Auf- und Untergangszeiten für einen Ort in +50° Breite und 10° östlicher Längendifferenz angeführt.

Hilfstafeln (S. 362*—385*).

Es folgt eine Reihe von häufig gebrauchten Hilfstafeln.

1) Tafeln für Präzessionswerte (S. 362*—364*).

a) Präzession in Länge und Breite (Seite 362*—363*).

$$p_\lambda = \psi + \pi \operatorname{tg} \beta \cos (\Pi - \lambda)$$
$$p_\beta = \pi \sin (\Pi - \lambda)$$

b) Präzession in Rektaszension und Deklination (Seite 364*).

$$p_\alpha = m + \tfrac{1}{15} n \sin \alpha \operatorname{tg} \delta$$
$$p_\delta = n \cos \alpha$$

c) Präzessionswerte m, n, ψ, π, Π und ε, die mittlere Schiefe der Ekliptik (Seite 364*).

Mit diesen Werten berechnet sich die Präzession für die Elemente einer Bahnebene im System der Ekliptik nach:

$$p_\Omega = \psi - \pi \operatorname{cotg} i \sin (\Pi - \Omega)$$
$$p_i = -\pi \cos (\Pi - \Omega)$$
$$p_\omega = \pi \operatorname{cosec} i \sin (\Pi - \Omega)$$

und im System des Äquators nach:

$$p_{\Omega'} = m - n \operatorname{cotg} i' \cos \Omega'$$
$$p_{i'} = -n \sin \Omega'$$
$$p_{\omega'} = n \cos \Omega' \operatorname{cosec} i'$$

Den Tafeln a) und b) liegen die Präzessionswerte für 1950.0 zugrunde. Über die Bedeutung der Bezeichnungen und die Zahlenwerte vergleiche die Erläuterungen zum Jahrbuch für 1916.

2) Eine Tafel zur Verwandlung von Minuten und Sekunden in Dezimalteile des Grades und umgekehrt (S. 365*).

3) Hilfstafeln zur Verwandlung von mittlerer Zeit in Sternzeit (S. 366*, 368*) und von Sternzeit in mittlere Zeit (S. 367*, 369*).

4) Eine Tafel zur Verwandlung von Stunden, Minuten und Sekunden in Dezimalteile des Tages und umgekehrt (S. 370*—371*).

5) Eine Tafel für die Ermittelung eines Datums in der Julianischen Periode (Seite 372*—376*). Die Tafel besteht aus zwei Teilen. Der erste Teil (S. 372*—373*) gibt in vierjährigen Schaltperioden für die Jahre 0 bis 2000 die Anzahl der am 0. Januar, 12^h Welt-Zeit, seit Anfang der Julianischen Periode verflossenen Tage. Als Ergänzung gibt die Hilfstafel am Fuß der Seite die Anzahl der am 0. jedes Monats, 12^h Welt-Zeit, seit Beginn der Schaltperiode verflossenen Tage. Man gehe bis zum 4. Oktober des Jahres 1582 mit dem Datum des Julianischen, für spätere Jahre mit dem Datum des Gregorianischen Kalenders in die Tafel ein. Der zweite Teil (S. 374*—376*) gibt für die Jahre 1860—1979 unmittelbar die Anzahl der im Gregorianischen Kalender am 0. eines jeden Monats, 12^h Welt-Zeit, seit Beginn der Julianischen Periode verflossenen Tage.

6) Eine Tafel der Hilfsgrößen s und c (S. 377*) zur Berechnung der geozentrischen Breite φ' und der geozentrischen Entfernung ρ eines Erdortes, ausgedrückt in Einheiten der großen Halbachse des Erdellipsoids, aus der geographischen Breite φ nach den Formeln:

$$\varrho \sin \varphi' = s \sin \varphi$$
$$\varrho \cos \varphi' = c \cos \varphi$$

Darin haben s und c die Bedeutung:

$$s = \frac{1-e^2}{\sqrt{1-e^2 \sin^2 \varphi}}, \quad c = \frac{1}{\sqrt{1-e^2 \sin^2 \varphi}}, \quad e = \sqrt{2\mathfrak{a} - \mathfrak{a}^2}.$$

Gemäß den Beschlüssen der Pariser Ephemeridenkonferenz von 1911 ist dabei die Abplattung $\mathfrak{a} = \frac{1}{297}$ angenommen.

7) Tafel des halben Tagbogens (S. 378*—379*), berechnet mit der Horizontalrefraktion 34!9 für geographische Breiten von + 30° bis + 60° und Deklinationen von — 30° bis + 30°.

8) Reduktionstafeln für die Auf- und Untergangszeiten der Sonne und des Mondes (S. 380*—383*). Sie geben die Reduktion der für + 50° Breite gültigen Zeiten, wie sie in den Ephemeriden auf S. 3—19 bzw. S. 31—47 enthalten sind, auf geographische Breiten zwischen + 30° und + 60° und sind für das Erscheinen oder Verschwinden des oberen Gestirnsrandes gerechnet.

9) Die Tafel zur Berechnung der optischen Mondlibration (S. 384*—385*) gibt mit dem Argument $\lambda - \Omega$ die Werte $\Delta\lambda$, a und B entsprechend den Gleichungen:

$$\Delta\lambda = \frac{1}{\text{arc } 1'} \operatorname{tang}^2 \frac{1}{2} J \sin 2 (\lambda - \Omega)$$
$$a = - \cos (\lambda - \Omega) \sin J$$
$$\operatorname{tang} B = - \sin (\lambda - \Omega) \operatorname{tang} J$$

J = Neigung des Mondäquators gegen die Ekliptik.
☊ = Länge des aufsteigenden Knotens der Mondbahn auf der Ekliptik (s. S. 303*).
λ, β = Länge und Breite des Mondmittelpunktes, berechnet für den Beobachtungsort.

Bezeichnen noch $L_☾$ die mittlere Länge des Mondes, l' und b' die optische Libration der Mondmitte in selenographischer Länge und Breite, so ist:

$$l' = \lambda - L_☾ + \Delta\lambda - a\,(B - \beta)$$
$$b' = B - \beta$$

Der Winkel C, welchen der Mondmeridian des Mittelpunktes der scheinbaren Mondscheibe mit dem Stundenkreise bildet, ergibt sich aus der Gleichung:

$$\sin C = -\sin i \frac{\cos\,(L_☾ + l' + \Delta - ☋)}{\cos\,\delta_☾} = -\sin i \frac{\cos\,(\alpha_☾ - ☊')}{\cos\,b'},$$

worin $\alpha_☾$, $\delta_☾$ Rektaszension und Deklination des Mondmittelpunktes gesehen vom Beobachtungsort aus, bezeichnen; die anderen vorkommenden Größen i, Δ, ☋ und ☊′ haben schon auf S. 403* ihre Erklärung gefunden.

Koordinaten der Sternwarten (S. 386*—392*).

Die Seiten 386*—392* enthalten die geographischen und geozentrischen Koordinaten der Sternwarten.

Die Seehöhen sind in allen Fällen angegeben, wo sie sich einigermaßen sicher ermitteln ließen.

Die geographischen Längen sind auf den Meridian von Greenwich bezogen und dem entsprechend ist die »Korrektion der Sternzeit« die Differenz: Orts-Sternzeit in mittlerer Mitternacht minus Greenwicher Sternzeit in mittlerer Mitternacht.

Die geozentrischen Koordinaten sind den Beschlüssen der Pariser Ephemeridenkonferenz vom Oktober 1911 gemäß unter Annahme der Abplattung 1 : 297 berechnet.

Bei Berechnung von log ϱ ist die Seehöhe berücksichtigt.

Normalzeiten der wichtigeren Länder (S. 393*).

Auf S. 393* sind die in den wichtigeren Ländern eingeführten Normalzeiten zusammengestellt.

Berichtigungen

Jahrbuch 1940, S. A15. Nβ Rektaszension 1943 lies 87^s02 anstatt 88^s02.
Nϑ Deklination 1943 lies $10''52$ anstatt $40''52$.
N$\varkappa$ Deklination 1943 lies $50''52$ anstatt $55''52$.

Jahrbuch 1943, S. 169*. April 24. Die Rektaszension ist $1^h\,43^m\,37^s14$ anstatt 37^s04.

Jahrbuch 1944, S. 113*. Fußnote. Anstatt $0''107$ lies $0''108$.

Alphabetisches Sachregister